



安徽南方化工泵业有限公司
Anhui South Chemical Pump Co.,Ltd.



中国·安徽省宣城市泾县开城路与复兴路交叉口
(长三角一体化泾县电机泵阀智能制造产业基地)



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2025 CORPORATE BROCHURE

致力于腐蚀与贵重流体的安全输送

Committed to the safe conveyance of corrosive and precious fluids

国家高新技术企业
National high-tech enterprise

国家级专精特新“小巨人”企业
State-level specialized, special and new Little Giant enterprise

国家泵检中心合作单位
Cooperative unit of National Pump Inspection Center





安徽南方化工泵业有限公司
Anhui South
Chemical Pump Co.,Ltd.

衬氟泵系列

Fluorine-lined Pump Series



金属泵系列

Metal Pump Series





引领行业高端品质 铸就百年强盛企业

High Quality Leading Industry
Create an hundred strongly enterprise



企业简介 → →

安徽南方化工泵业有限公司创建于1999年，是一家专业生产化工泵的国家高新技术企业和国家级专精特新“小巨人”企业，集研发、生产、销售、服务于一体。公司产品广泛应用于石油化工、煤化工、有色冶炼、新能源、医药、环保、钒矿锂矿等领域。

公司主要生产金属磁力泵、衬氟磁力泵、耐腐蚀化工离心泵、耐磨耐腐料浆泵、复合碳化硅渣浆泵等产品，其中金属磁力泵、衬氟磁力泵及衬氟化工离心泵技术达到了行业先进水平。目前公司自主研发设计生产的衬氟磁力泵流量可达1000m³/h、扬程50米、配套电机功率185KW。金属不锈钢磁力泵流量可达1000m³/h，IHF型衬氟离心泵流量可达3600m³/h、扬程36米，配套电机功率710KW，为国内首台套，填补国内领域的空白，性能达到国际先进水平。

公司拥有现代化工业厂房、技术研发大楼、高级人才公寓、大功率金属、衬氟无泄漏磁力泵中试车间和磁路加工中心等设施，先后荣获“国家泵检中心合作单位”、“安徽省绿色工厂”、“安徽省企业研发中心”、“省级工业设计中心”等荣誉称号。公司设有国内市场部、国际贸易部，并在国外设立办事机构，拥有自营进出口权，产品远销海内外多个国家。

目前新厂区已全面建成5G数字化智能工厂，总投资1.5亿多元，其中一期投资1亿元，二期投资5000万元，总占地面积70亩，建筑面积约2万平方米，员工130余人，拥有专业研发加工检测设备200余台套。

目前公司整个生产流程全面通过ERP、MES、WMS系统来进行智能化管理，实行无纸化生产办公。生产效率得到了进一步提高，产能得到了大幅度提升，产品质量更加稳定。满足客户需求，是我们对客户最好的回报和最有力的合作保障。



Company profile

Founded in 1999, Anhui Nanfang Chemical Pump Co Ltd. is a national high-tech enterprise specializing in the production of chemical pumps and a state-level Little Giant enterprise, integrating R & D, production, sales and service. The company's products are widely used in petrochemical industry, coal chemical industry, non-ferrous smelting, new energy, medicine, environmental protection, vanadium and lithium ore and other fields.

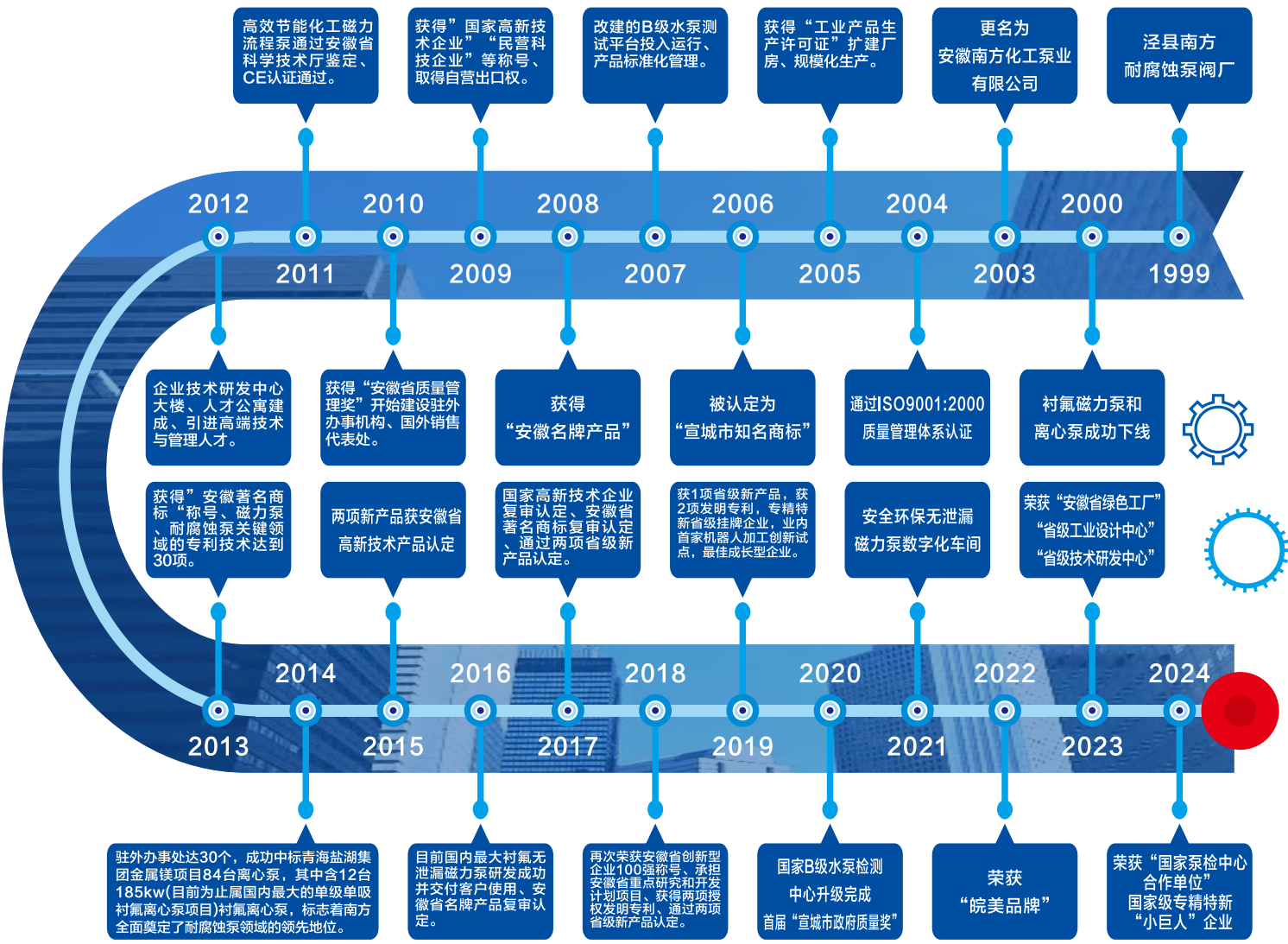
The company mainly produces metal magnetic pumps, fluorine-lined magnetic pumps, corrosion-resistant chemical centrifugal pumps, corrosion-resistant and wear-resistant slurry pumps, composite silicon carbide slurry pumps and other products, among which the technology of metal magnetic pump, fluorine-lined magnetic pump and fluorine-lined chemical centrifugal pump has reached the advanced level in the industry. At present, the company has independently developed, designed and manufactured a fluorine-lined magnetic pump with a flow rate of 1000m³/H, a lift of 50 meters and a supporting motor power of 185 KW. The flow of metal stainless steel magnetic pump can reach 1000m³/H, the flow of IHF fluorine-lined centrifugal pump can reach 3600 m³/H, the lift is 36 meters, and the power of supporting motor is 710 KW, which is the first set in China, filling the gap in the domestic field, and the performance has reached the international advanced level.

The company has modern industrial workshops, technology research and development buildings, senior talent apartments, high-power metal, fluorine-lined leak-free magnetic pump pilot workshop and magnetic circuit processing center and other facilities, and has won the honorary titles of National Pump Inspection Center Cooperation Unit, Anhui Green Factory, Anhui Enterprise Research and Development Center, Provincial Industrial Design Center. The company has domestic market department, international trade department, and set up offices abroad, with self-import and export rights, products are exported to many countries at home and abroad.

At present, the new factory has built a 5G digital intelligent factory with a total investment of more than 150 million yuan, including 100 million yuan in the first phase and 50 million yuan in the second phase. It covers an area of 70 mu, with a construction area of about 20000 square meters, more than 130 employees and more than 200 sets of professional R & D, processing and testing equipment.

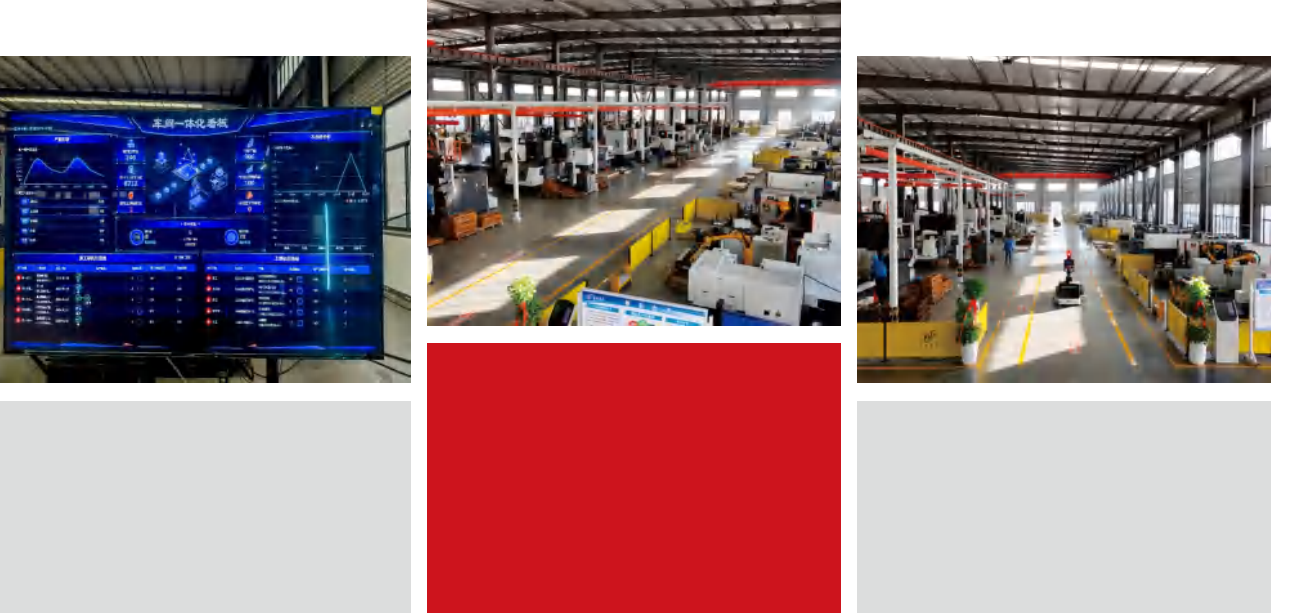
At present, the whole production process of the company is managed intelligently through ERP, MES and WMS systems, and paperless production office is implemented. The production efficiency has been further improved, the production capacity has been greatly improved, and the product quality has become more stable. Satisfying the needs of customers is our best return to customers and the most powerful guarantee of cooperation.

发展历程 →→



Development

- 1999 Jingxian Nanfang Corrosion Resistant Pump and Valve Factory
- 2000 Fluorine-lined magnetic pump and centrifugal pump successfully off the production line
- 2003 Renamed as Anhui Southern Chemical Pump Co Ltd.
- 2004 Passed ISO9001: 2000 quality management system certification
- 2005 Obtain the Industrial Product Production License to expand the plant and large-scale production.
- 2006 Recognized as Famous Trademark of Xuancheng City
- 2007 The reconstructed B-class pump test platform has been put into operation and product standardization management.
- 2008 Obtain Anhui Famous Brand Products
- 2009 It has won the titles of National High-tech Enterprise and Private Science and Technology Enterprise and obtained the right of self-export.
- 2010 It won the Anhui Quality Management Award and began to build overseas offices and foreign sales representative offices.
- 2011 The high-efficiency and energy-saving chemical magnetic process pump has passed the appraisal of Anhui Science and Technology Department and CE certification.
- 2012 The enterprise technology research and development center building and talent apartment have been built, and high-end technology and management talents have been introduced.
- 2013 It has won the title of Anhui Famous Trademark and 30 patented technologies in key areas of magnetic pump and corrosion-resistant pump.
- 2014 It has 30 overseas offices and has successfully won the bid for 84 centrifugal pumps in the magnesium project of Qinghai Salt Lake Group, including 12 185 kw fluorine-lined centrifugal pumps (the largest single-stage single-suction fluorine-lined centrifugal pump project in China so far), which indicates that South China has fully established its leading position in the field of corrosion-resistant pumps.
- 2015 Two new products have been recognized as high-tech products in Anhui Province
- 2016 At present, the largest fluoride-lined leak-free magnetic pump in China has been successfully developed and delivered to customers for use, and the famous brand products in Anhui Province have been reexamined and recognized.
- 2017 National high-tech enterprise reexamination and recognition, Anhui famous trademark reexamination and recognition, and two provincial new product recognition.
- 2018 It has once again won the title of Top 100 Innovative Enterprises in Anhui Province, undertaken key research and development projects in Anhui Province, obtained two authorized invention patents, and passed two provincial-level new product recognition.
- 2019 Digital workshop for safe, environment-friendly and leakage-free magnetic pump
- 2020 Won Wanmei Brand
- 2021 Awarded Anhui Green Factory, Provincial Industrial Design Center, Provincial Technology Research and Development Center
- 2022 Won the title of Cooperative Unit of National Pump Inspection Center, a state-level specialized, special and new Little Giant enterprise





制造能力 →→ Manufacturing capacity

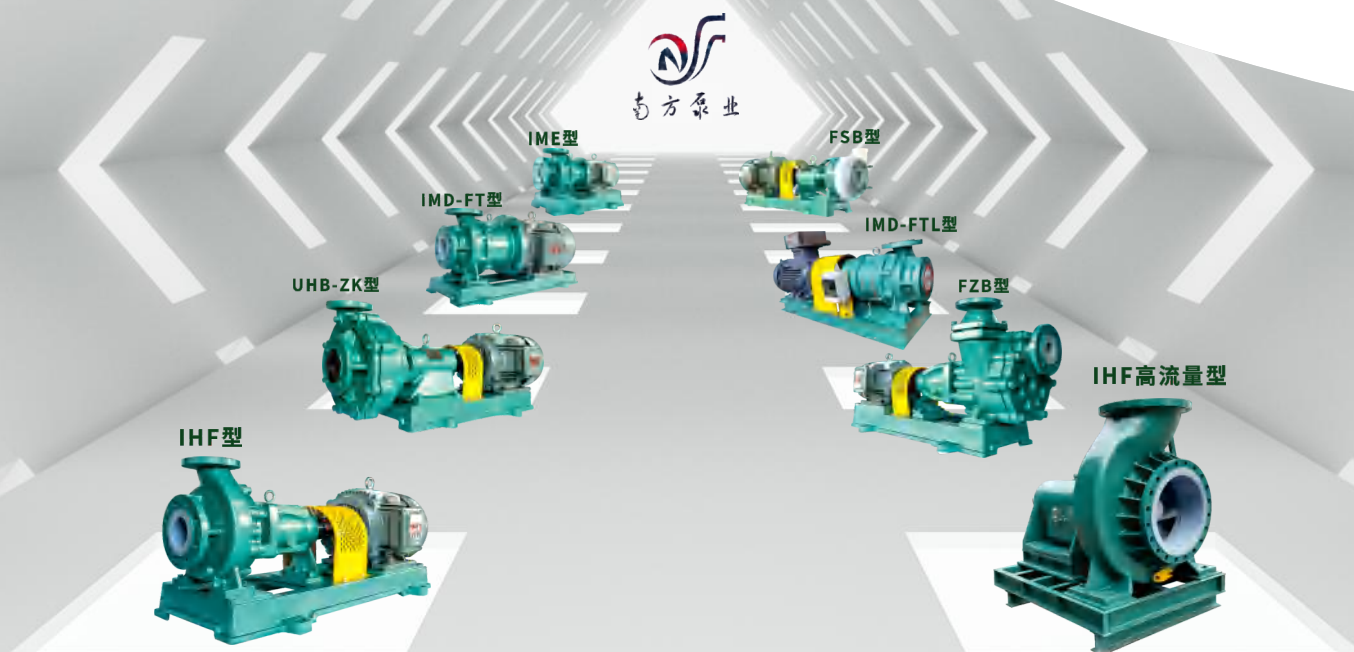
年产化工泵 2 万台套
产品覆盖金属与非金属 (F46、PFA、UHMW-PE)
磁力泵功率可达 200kw
衬氟泵技术代表国内先进水平

Manufacturing capacity

Annual production capacity of 20,000 chemical pumps
Products cover metal and nonmetal (F46, PFA, UHMW-PE)
Magnetic pump power up to 200kw
Fluorine-butterfly pump technology on behalf of the domestic top level,

自主研发系统 →→

Independent research and development system



创新研发“生产工艺检测--PPMS系统”

Innovative research and development of production process testing-PPMS system

安徽南方泵业创新研发设计的PPMS系统，满足客户从下订单到整个设备生产，质检，物流信息的全系统查询功能。通过客户专属端口即可查询整个泵的制造环节，实现从下单到收到货物的闭环监测。自定义查看工单数量、单个配件的加工用时情况，结合异常告警工单统计，可了解整个泵设备的加工情况的质检信息可减少大量业务处理时间。

The PPMS system innovatively developed and designed by Anhui Nanfang Pump Industry Co Ltd. meets the query function of the whole system from placing orders to the whole equipment production, quality inspection and logistics information. Through the customer's exclusive port, it is possible to query the manufacturing process of the whole pump, and realize the closed-loop monitoring from the order to the receipt of goods. Customize to view the work order quantity and the processing time of a single part. Combined with the abnormal alarm work order statistics, you can understand the quality inspection information of the processing situation of the whole pump equipment, which can reduce a lot of business processing time.

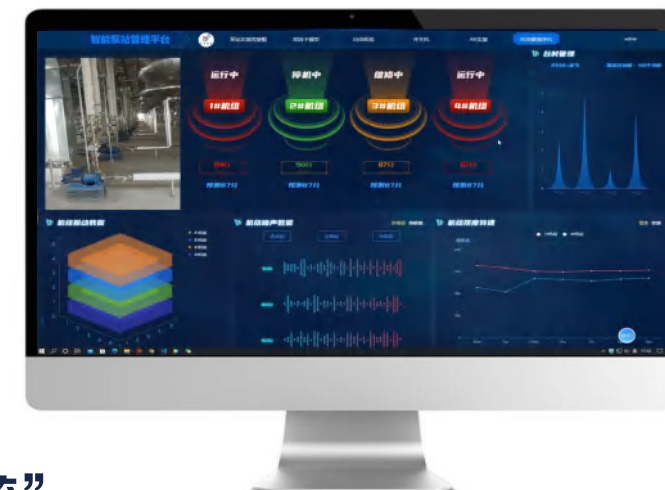


创新研发“RMS系统”

Innovative research and development of RMS system

将传统泵站与现代大数据智慧互联的完美融合，系统采用泵远程监测装置对泵房供水设备的控制参数、温度检测、震动检测、泄漏检测、出水压力和流量、电流监控等进行实时采集，将数据传输到RMS监控系统平台，使使用单位实时了解现场各个泵站设备的工作情况，从而实现远程实时监控以提高工作及管理效率。系统对泵房内实时监控，支持配置设备告警阈值，对故障进行告警，完成告警详情和故障工单记录跟踪，实现问题终端实时预警、快速定位、快速解决。

Perfect integration of traditional pumping station and modern big data intelligent interconnection, the system uses pump remote monitoring device to collect real-time control parameters, temperature detection, vibration detection, leakage detection, outlet pressure and flow, current monitoring of water supply equipment in pump house, and transmits data to RMS monitoring system platform, so that users can know in real time. O as to realize remote real-time monitoring to improve work and management efficiency. The system monitors the pump room in real time, supports the configuration of equipment alarm threshold, alarms the fault, completes the tracking of alarm details and fault work order records, and realizes the real-time early warning, rapid positioning and rapid solution of the problem terminal.



• 5G数字化工厂 5G DIGITAL INTELLIGENT FACTORY

公司基于5G+MEC边缘计算搭建智能制造云网融合系统，借助工业互联网标识，打通产品、设备、车间、工厂之间的信息孤岛，实现底层标识数据共享。通过新建生产制造执行系统（MES）并将现有企业资源管理系统（ERP）、产品全生命周期管理系统（PLM）、仓储管理系统（WMS）等系统进行整合，实现在制品、机器、控制系统、信息系统、人等主体互连，以及企业数字化运营平台各系统的协同集成。通过全面可视化的生产过程监控获取生产实时状态，对生产、设备、材料、工艺等问题实时反馈及多级预警，有效提高企业生产管理水平以及生产运营效率，加快企业向智能化工厂转型。

The company has built an intelligent manufacturing cloud platform that connects information flows between products, equipment, workshops, and factories, enabling the sharing of underlying data. By integrating systems such as MES ERP PLM WMS, it realizes the interconnection of in-process products, machines, control systems, information systems, and people, as well as the collaborative integration of various on the digital operation platform of the enterprise. Through comprehensive visual monitoring of the production process, it obtains real-time production status, providing real-time feedback and multi-level for issues related to production, equipment, materials, and processes, effectively improving the company's production management level and production operation efficiency, accelerating the transformation of the company a smart factory.



• 数字化车间 DIGITAL WORKSHOP



5G数字化车间 5G DIGITAL MACHINING WORKSHOP

在生产方面，引入自动化机器人加工，拥有200台套智能化生产设备，整个生产流程全面通过ERP、MES系统来进行智能化管理。

In terms of production, it has introduced automated robotic processing, with 200 sets of intelligent production equipment, and the entire production process is managed by ERP and MES systems for intelligent control.



智能仓储中心 SMART STORAGE CENTER

在仓储方面，已建成5000平米智能立体仓储中心，全面运用WMS仓库管理系统，实时的查看库存和订单状态，自动对货物进行追踪，实现自动寻货取货。

In terms of warehousing, a 5,000 square meter intelligent three-dimensional warehousing center has been built, fully utilizing the W warehouse management system to check inventory and order status in real time, automatically tracking goods, and achieving automatic picking and retrieval.



总装测试中心 FINAL ASSEMBLY AND TEST CENTER

在总装方面，引入多台AGV智能搬运机器人，组成柔性的物流搬运系统，再结合KBK柔性组合式悬挂起重机，让总装工作更加高效、准确、灵活。在泵检方面，与国家泵检中心密切合作，全面提升泵类检验检测综合能力。

In terms of general assembly, multiple AGV intelligent handling robots were introduced to form a flexible logistics handling system, combined with KBK flexible modular overhead cranes, making the general assembly work more efficient, accurate, and flexible. In terms of pump inspection, we closely cooperate with the National Pump Inspection Center to intensively improve the overall capability of pump inspection and testing.

科技引领 智造未来

Technology leads, intelligent manufacturing shapes the future

用户案例及供应商合作伙伴

User stories and supplier partners

部分合作客户 Selected Partner Clients



南方的产品正在服务于大批石油化工、生物制药、新能源、新材料、电力、冶金、航天等领域的关键工艺上，解决了众多腐蚀与贵重流体的安全输送问题。

Our Chemical Pump are service an large number Petrochemical , Biological Pharmacy, New energy,New Materials , Electric Power,Metallurgy ,space fight field and core handicraft to deal so much corrosion and heavy duty safety transfer problem.



合作供应商 Partner supplier

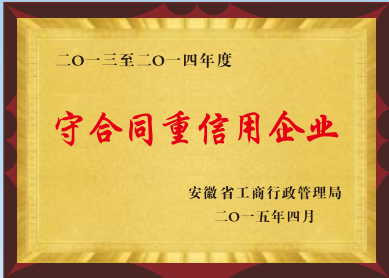
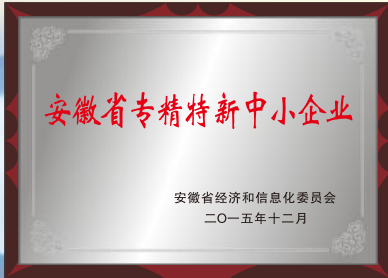
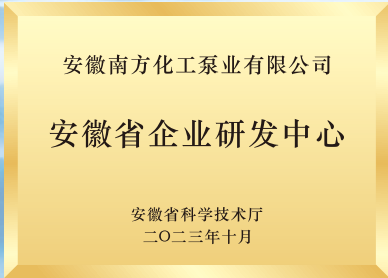
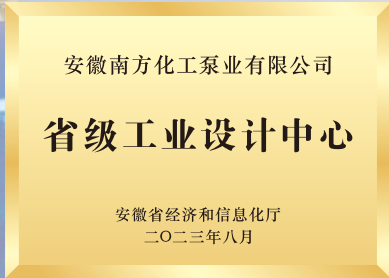
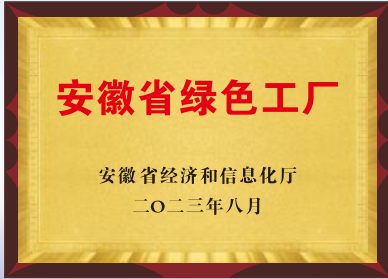
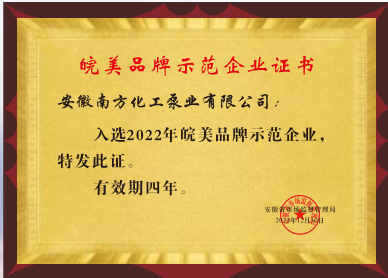
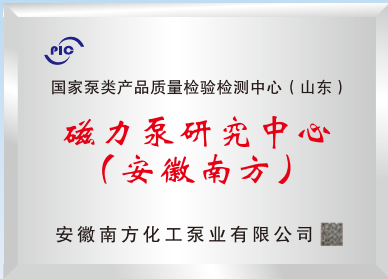


企业荣誉

Corporate Honor

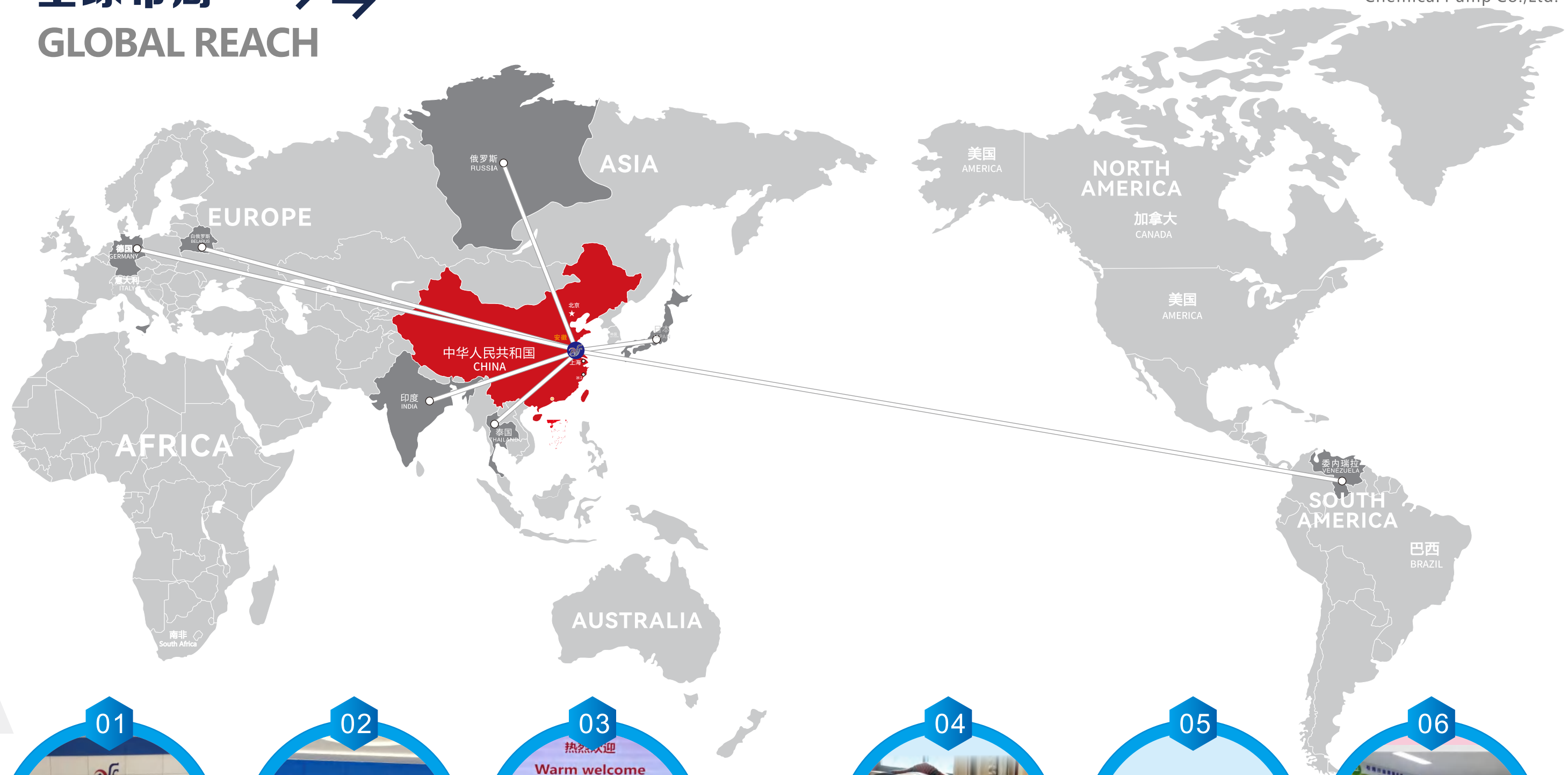
合作 团结 发展 交流 共赢
Cooperation, unity, development, communication and win-win, there is no perfect individual, only a perfect team.

没有完美的个人 只有完美的团队
There is no perfect individual, only a perfect team.



全球布局 GLOBAL REACH

安徽南方化工泵业有限公司
Anhui South
Chemical Pump Co.,Ltd.



01



俄罗斯友人到访

02



泰国客户到访

03



印度乌达扬先生到访

04



日本客户到访

05

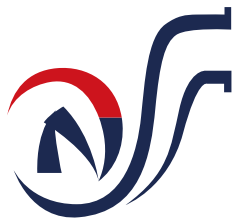


白俄罗斯客户到访

06



德国客户到访



安徽南方化工泵业有限公司
Anhui South
Chemical Pump Co.,Ltd.

目录 →→ DIRECTORY



以精立业 以质取胜
Establish a career with excellence
and win with quality

创新发展 实业报国
Innovating and developing
industry to serve the country

磁力泵 Driven Pump

IME-FT第四代高效节能衬氟磁力泵 IME-FT The fourth generation of high efficiency and energy saving fluorine-lined magnetic pump	01
IMD-FT衬氟无泄漏磁力泵 IMD-FT Lined-in Magnetic Driven Pump	07
ZMD-衬氟无泄漏磁力自吸泵 ZMD-Lined-in Fluorine Plastic Self-Priming Magnetic Driven Pump	13
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离心泵 Centrifugal Pump

IHF单级单吸衬氟化工离心泵 IHF Single Stage Single Suction Lined-in Chemical Centrifugal Pump	41
FSB 氟塑料合金离心泵 FSB Fluorine Plastic Alloy Centrifugal Pump	51
FZB衬氟自吸泵 FZB Fluorine Plastic Lined-in Self-priming Pump	57
NH不锈钢离心泵 NH Stainless Steel Centrifugal Pump	61
UHB-ZK 耐磨耐腐砂浆泵 UHB-ZK Anti-Wear Acid Alkali Resistance Slurry Pump	69
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磁力泵

Driven Pump

磁力泵优势分析

Advantage analysis of Magnetic Driven Pump

磁力泵是应用现代磁力学原理，利用永磁体实现无接触间接传动的一种化工流程泵。当电机带动外转子（即外磁钢）总成旋转时，通过磁场的作用磁力线穿过隔离套带动内转子（即内磁钢）总成和叶轮同步旋转，介质完全封闭在静止的隔离套内，从而达到无泄漏抽送介质的目的，以静密封取代动密封，使泵的过流部件处于密封状态，彻底解决了机械密封传动泵无法避免的跑、冒、滴、漏之现象；磁力泵产品结构简单、噪音小、运行稳定、安全环保，是工业领域绝对无泄漏泵的首选产品。

Magnetic driven pump is the application of modern magnetic theory the use of permanent magnets to achieve Non-contract indirect transmission of a chemical process pump. When the external rotor motor (outside magnetic steel) Drives assembled rotates through the magnetic lines of force within the rotor drive isolation kit (inside magnetic steel) Synchronous rotating assembly with the impeller, liquids stay in closed static isolation kit so that without leakage of the purpose pumping mediums, solve the mechanical transmission pump seal leakage. It uses static seal instead of the dynamic seal so that it can keep the flow components in the seal station. It solve the others problem like running, emit, drip and so on. Magnetic Driven Pump have two much features of simply structure, low noise, Stably Running, safety environment protection. It is first choose to transfer without leakage in industrial fields.

磁力泵应用行业

绝对无泄漏

节能环保

高效率

可空运转



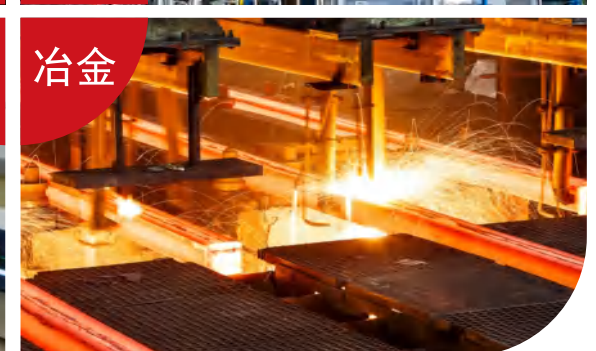
石油



化工



制药



冶金

IME-FT

第四代高效节能衬氟磁力泵

The Fourth Generation of high Efficiency and Energy Saving Fluorine-lined Magnetic Pump



工作条件
Working Conditions

口径: 32-300mm
工作温度: -20℃-180℃
流量范围: 3m³/h-800m³/h
扬程范围: 15m-125m
材质范围: 内衬F46\ PFA
设计标准: HG/T2730、SH/T3148、API685
Pump Diameter : 32mm-300mm
Working Temperature : -20 -180
Flow Capacity Range : 3m³/h-800m³/h
Pump Head Range : 15 m -125m
Materials Range : Lined-in FEP(F46) , PFA.
Designed Standard : HG/T2730.SH/T3148.
API685

运用领域
Application Fields

生物医药、石油化工、矿山冶金、纺织印染、电力、食品、造纸、电镀、污水处理、烟气处理、新能源、新材料等行业。
Biological medicine, petrochemical, mining, metallurgy, textile printing and dyeing, electricity, food, papermaking, electroplating, sewage treatment, flue gas treatment, new energy, new materials and other industries.

产品用途
Pump Usage

适用于输送易燃易爆易挥发、有毒有害、贵重及强腐蚀性的清洁介质；如任何浓度的酸碱、盐、溶剂、强氧化剂等。
Applicable to transport inflammable and explosive volatile, poisonous and harmful, valuable and highly corrosive cleaning medium; Such as any concentration of acid and alkali, salt, solvent, strong oxidizer, etc.

设计说明
Designed Instruction

第四代衬氟磁力泵是是基于本公司的长期技术积累和国外先进技术的借鉴而设计研发的高效节能型磁力泵。和合工大合作，在通过ANSYS和CFD辅助设计，反复优化水力尺寸使效率比国家标准上升5-8个百分点，加强套均采用碳纤维材质，消除磁涡流影响的同时，使其具有更好的耐压耐温性能，所有规格都有电机直联式和分体式两种结构。该系列磁力泵卓越的性能和高性价比已成为替代国外进口磁力泵的首选。

The fourth generation of fluorine-lined magnetic pump is based on the company's long-term technical accumulation and foreign advanced technology for reference to design and development of high-efficiency energy-saving magnetic pump. In cooperation with Hefei University of Technology, through ANSYS and CFD aided design, and repeatedly optimizes the hydraulic size to increase the efficiency by 5-8 percentage points compared with the national standard. The reinforced sleeve is made of carbon fiber, which eliminates the influence of magnetic eddy current and makes it have better pressure and temperature resistance. All specifications have two structures of motor direct connection type and split type.The excellent performance and high cost performance of this series of magnetic pumps have become the first choice to replace imported magnetic pumps.

性能参数表
Performance Parameter Table

配二级电机 n=2900r/min 设计压力：1.6Mpa

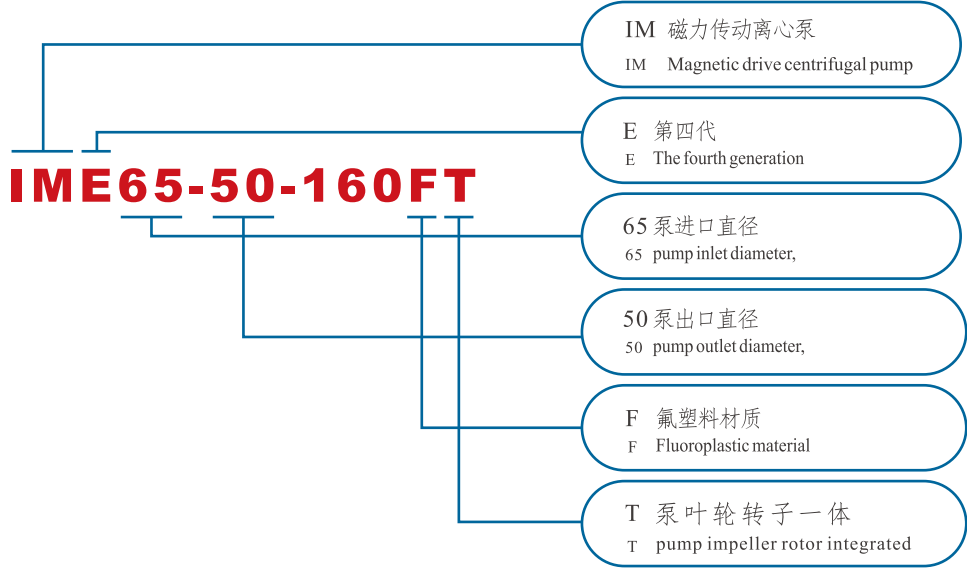
型 号 Model No	流 量 Flow Capacity (m3/h)	扬程 Pump Head (m)	效 率 Efficiency (%)	电机功率 Motor power	汽蚀余量 NPSH _r	口径Diameter(mm)		转 速 Rotating speed
						进口 Inlet	出口 outlet	
IME50-32-125	12.5	20	51	2.2	3	50	32	2900
IME50-32-160	12.5	32	56	3	3	50	32	
IME50-32-200	12.5	50	45	5.5	3	50	32	
IME50-32-250	12.5	80	35	11	3	50	32	
IME65-50-125	25	20	62	3	3.5	65	50	
IME65-50-160	25	32	60	5.5	3.5	65	50	
IME65-40-200	25	50	55	11	3.5	65	40	
IME65-40-250	25	80	40	22	3.8	65	40	
IME80-65-125	50	20	70	5.5	4	80	65	
IME80-65-160	50	32	69	11	4	80	65	
IME80-50-200	50	50	62	15	4	80	50	
IME80-50-250	50	80	60	30	4.5	80	50	
IME100-80-125	100	20	71	11	4.5	100	80	
IME100-80-160	100	32	65	18.5	4.5	100	80	
IME100-65-200	100	50	65	30	4.5	100	65	
IME100-65-250	100	80	65	45	4.5	100	65	
IME100-80-315	100	125	55	90	5	100	80	
IME125-100-160	160	32	65	30	5	125	100	
IME125-100-200	160	50	70	37	5.5	125	100	

性能参数表
Performance Parameter Table

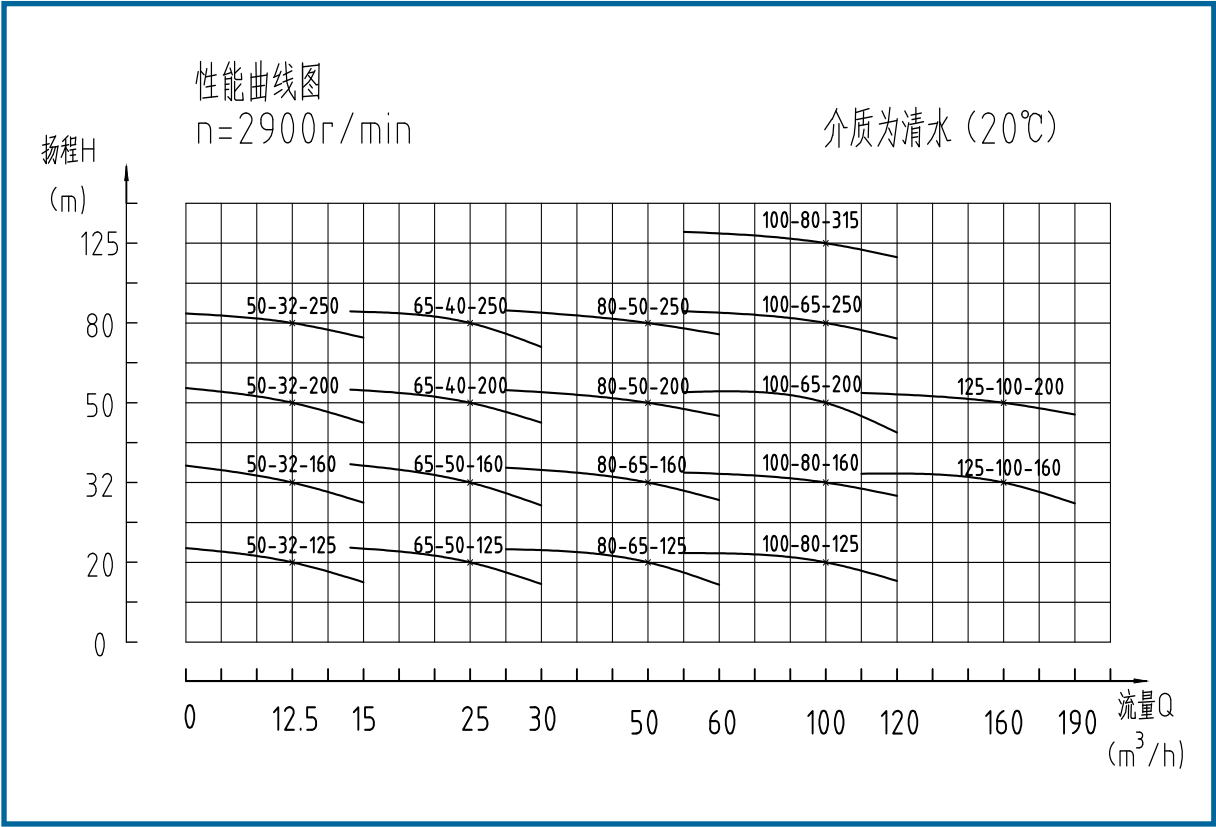
配四级电机 n=1450r/min 设计压力：1.6Mpa

型 号 Model No	流 量 Flow Capacity (m3/h)	扬程 Pump Head (m)	效率 Efficiency (%)	电机功率 Motor power	汽蚀余量 NPSH.	口径Diameter(mm)		转速 Rotating speed
						进口 Inlet	出口 outlet	
IME50-32-125	6.3	5	44	0.55	2	50	32	1450
IME50-32-160	6.3	8	49	0.55	2	50	32	
IME50-32-200	6.3	12.5	38	1.1	2	50	32	
IME50-32-250	6.3	20	28	1.5	2	50	32	
IME65-50-125	12.5	5	56	0.55	2	65	50	
IME65-50-160	12.5	8	55	1.1	2	65	50	
IME65-40-200	12.5	12.5	50	1.5	2	65	40	
IME65-40-250	12.5	20	35	3	2	65	40	
IME80-65-125	25	5	68	1.1	2.5	80	65	
IME80-65-160	25	8	67	1.5	2.5	80	65	
IME80-50-200	25	12.5	60	2.2	2.5	80	50	
IME80-50-250	25	20	58	5.5	2.5	80	50	
IME100-80-125	50	5	70	1.5	2.5	100	80	
IME100-80-160	50	8	64	2.2	2.5	100	80	
IME100-65-200	50	12.5	64	5.5	2.5	100	65	
IME100-65-250	50	20	64	7.5	2.5	100	65	
IME100-80-315	50	32	50	11	2.5	100	80	
IME125-100-160	100	8	63	5.5	2.8	125	100	
IME125-100-200	100	12.5	68	11	2.8	125	100	
IME125-100-250	100	20	72	15	3	125	100	
IME125-100-315	100	32	65	18.5	3	125	100	
IME125-100-400	100	50	62	30	3.4	125	100	
IME150-125-250	200	20	48	30	3.6	150	125	
IME150-125-315	200	32	70	30	4.1	150	125	
IME150-125-400	200	50	65	55	4.1	150	125	
IME200-150-250	400	20	65	45	4.5	200	150	
IME200-150-315	400	32	70	75	4.5	200	150	
IME200-150-400	400	50	66	110	5	200	150	
IME250-200-315	650	32	53	132	6.5	250	200	
IME300-250-315	1000	32	70	185	6.5	300	250	

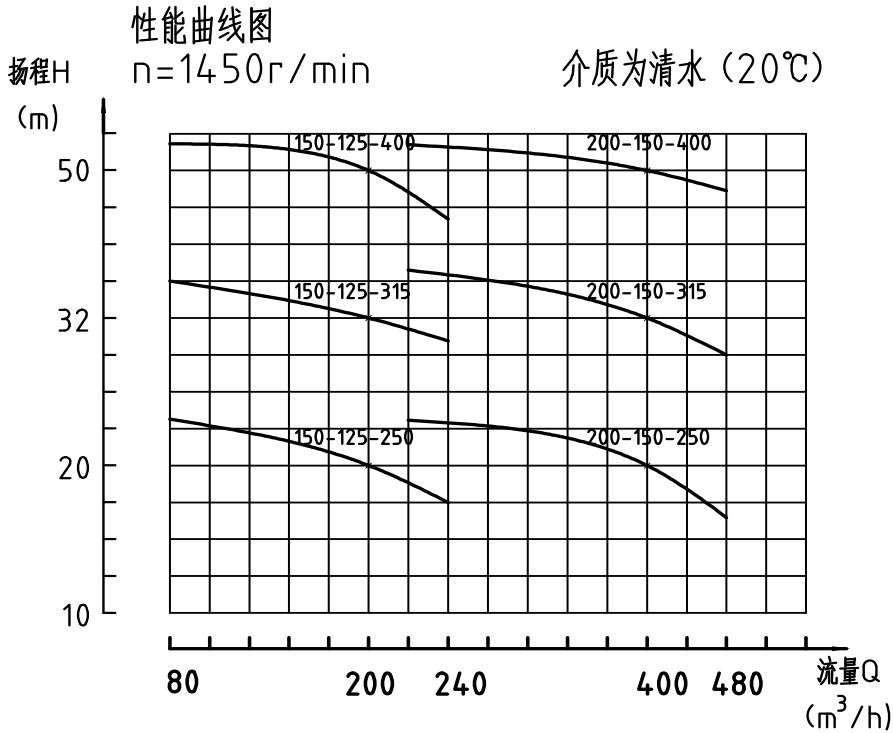
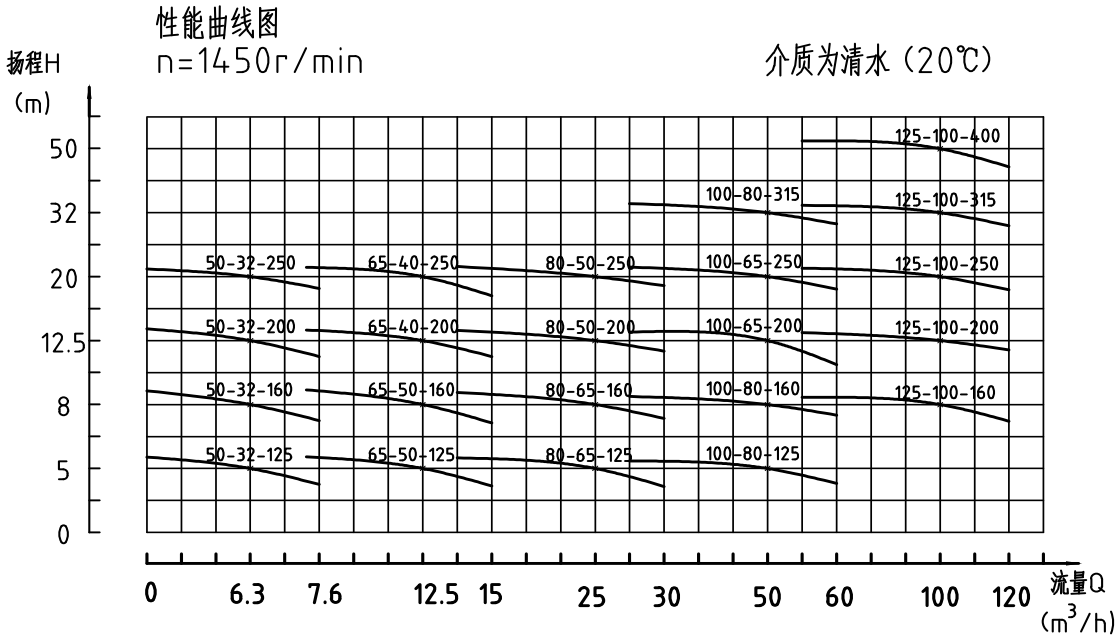
型号意义
Model significance



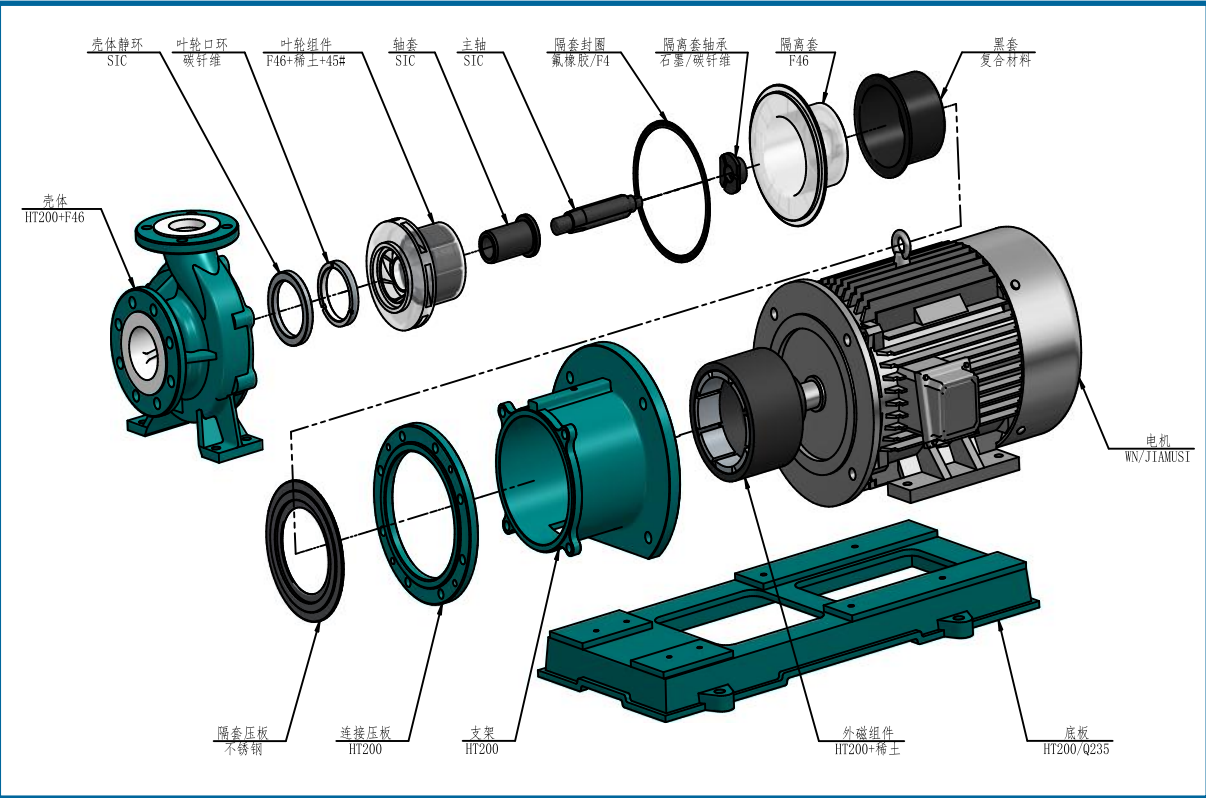
性能曲线
Performance Curve



性能曲线
Performance Curve

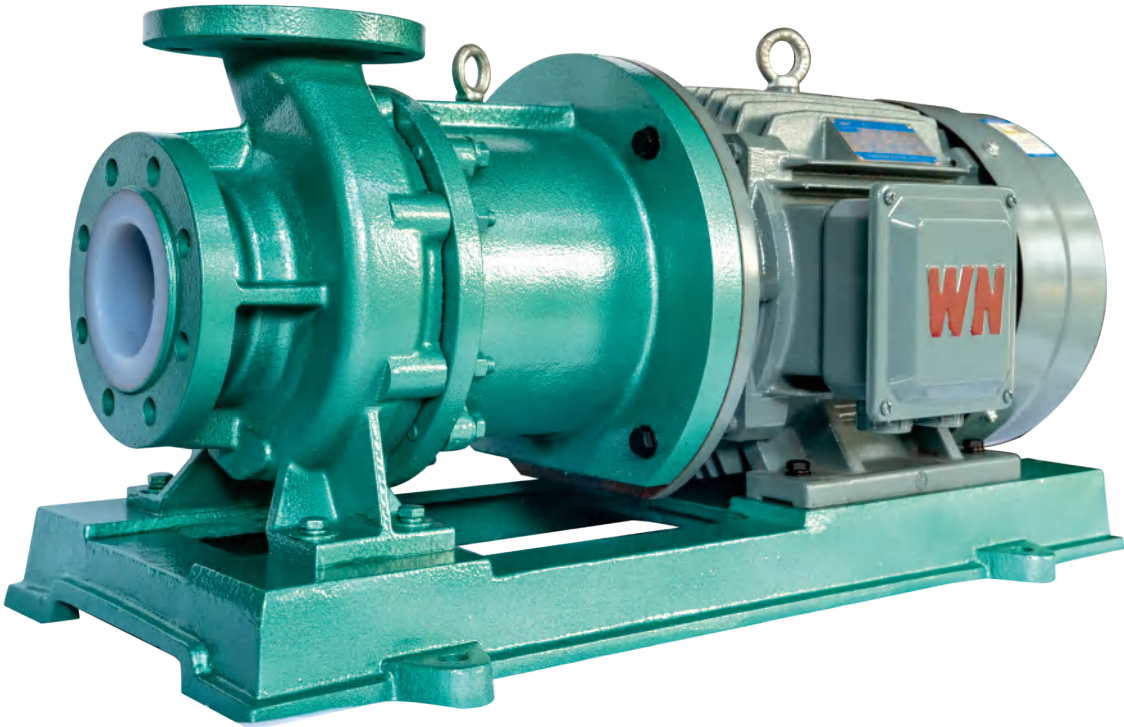


三维图及材质结构图
Three dimensional figure and material structure



IMD-FT 衬氟无泄漏磁力泵

IMD-FT Lined-in Magnetic Driven Pump



工作条件 Working Conditions

口径：32-300mm
工作温度：-20℃-180℃
流量范围：3m³/h-800m³/h
扬程范围：15m-125m
材质范围：内衬F46\ PFA
设计标准：HG/T2730、SH/T3148、API685
Pump Diameter：32mm-300mm
Working Temperature：-20 -180
Flow Capacity Range：3m³/h-800m³/h
Pump Head Range：15 m -125m
Materials Range：Lined-in FEP(F46)，PFA.
Designed Standard：HG/T2730.SH/T3148、API685

运用领域 Application Fields

生物医药、石油化工、矿山冶金、纺织印染、电力、食品、造纸、电镀、污水处理、烟气处理、新能源、新材料等行业。

Biological medicine, petrochemical, mining, metallurgy, textile printing and dyeing, electricity, food, papermaking, electroplating, sewage treatment, flue gas treatment, new energy, new materials and other industries.

产品用途 Pump Usage

适用于输送易燃易爆易挥发、有毒有害、贵重及强腐蚀性的清洁介质；如任何浓度的酸碱、盐、溶剂、强氧化剂等。

Applicable to transport inflammable and explosive volatile, poisonous and harmful, valuable and highly corrosive cleaning medium; Such as any concentration of acid and alkali, salt, solvent, strong oxidizer, etc.

设计说明 Design Instruction

IMD-FT 衬氟磁力泵是 IMD 衬氟磁力泵的延伸产品，是基于本公司的长期技术积累和国外先进技术的借鉴而设计研发的高效节能型磁力泵。泵的外形及安装尺寸均按 ISO 国际标准设计制作，所有规格均为电机直联式，由中间支架支撑，体积小，拆卸方便；隔离套采用氟塑料整体模压成型，外增设非金属混合材料注塑成型的加强套，以增强隔离套的耐压性，同时消除磁涡流损耗。泵性能特点为小流量高扬程，可输送密度大于 1.9t/m3 的强腐蚀介质。该系列磁力泵卓越的性能和高性价比已成为替代国外进口磁力泵的首选。

IMD-FT Lined-in Magnetic Driven Pump is IMD Lined-in Fluorine Plastic magnetic pump products, is based on the company's long-term technical accumulation and the reference to the advanced foreign technology and design research and development of highly efficient energy-saving magnetic pump. Pump of the appearance and installation dimensions are according to ISO international standards for design and production, all specifications for motor straight association-like, supported by middle bracket, small volume, convenient disassembly; Outside of sleeve using fluorine plastic with whole mould, add the strengthening of non-metallic composite material molding, to enhance the pressure resistance of spacer, and eliminate magnetic eddy current loss. Pump performance characteristics for small flow high hm, conveying density greater than 1.9 t/m3 strong corrosive medium. This series of excellent performance and high ratio of magnetic pump has become a substitute imported the first selection of magnetic pump.

性能参数表 Performance Parameter Table

配二级电机 n=2900r/min 设计压力：1.6Mpa

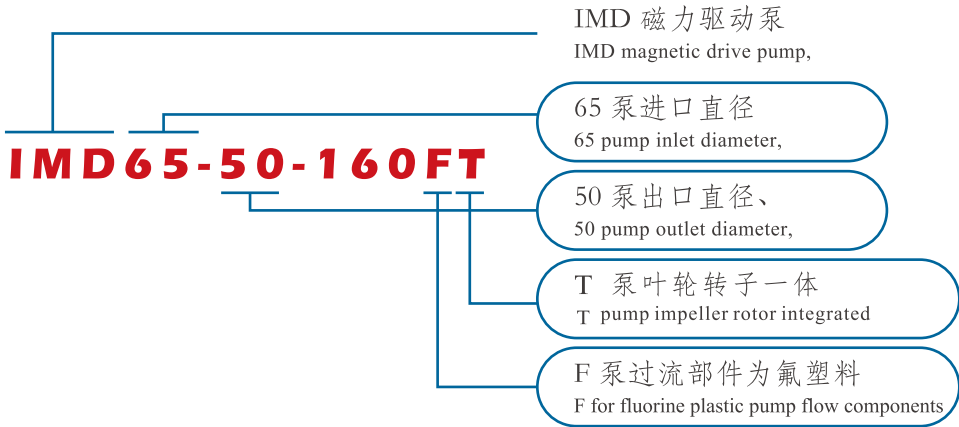
型 号 Model No	流 量 Flow Capacity (m3/h)	扬程 Pump Head (m)	效 率 Efficiency (%)	电机功率 Motor power	汽蚀余量 NPSH.	口径Diameter(mm)		转 速 Rotating speed
						进口 Inlet	出口 outlet	
IMD32-25-160FT	3.2	32	23	2.2	2.5	32	25	2900
IMD40-25-160FT	6.3	32	30	3	2.7	40	25	
IMD40-25-200FT	6.3	50	18	7.5	2.7	40	25	
IMD40-25-250FT	6.3	80	18	11	3	40	25	
IMD50-32-125FT	12.5	20	41	2.2	3	50	32	
IMD50-32-160FT	12.5	32	42	4	3	50	32	
IMD50-32-200FT	12.5	50	43	7.5	3	50	32	
IMD50-32-250FT	12.5	80	31	15	3	50	32	
IMD65-50-125FT	25	20	52	4	3.5	65	50	
IMD65-50-160FT	25	32	55	7.5	3.5	65	50	
IMD65-40-200FT	25	50	45	11	3.5	65	40	
IMD65-40-250FT	25	80	32	22	3.8	65	40	
IMD80-65-125FT	50	20	55	7.5	4	80	65	
IMD80-65-160FT	50	32	65	11	4	80	65	
IMD80-50-200FT	50	50	55	18.5	4	80	50	
IMD80-50-250FT	50	80	57	30	4.5	80	50	
IMD100-80-125FT	100	20	68	11	4.5	100	80	
IMD100-80-160FT	100	32	58	18.5	4.5	100	80	
IMD100-65-200FT	100	50	63	30	4.5	100	65	
IMD100-65-250FT	100	80	52	55	4.5	100	65	
IMD125-100-160FT	160	32	58	30	5	125	100	
IMD125-100-200FT	160	50	65	45	5.5	125	100	

性能参数表
Performance Parameter Table

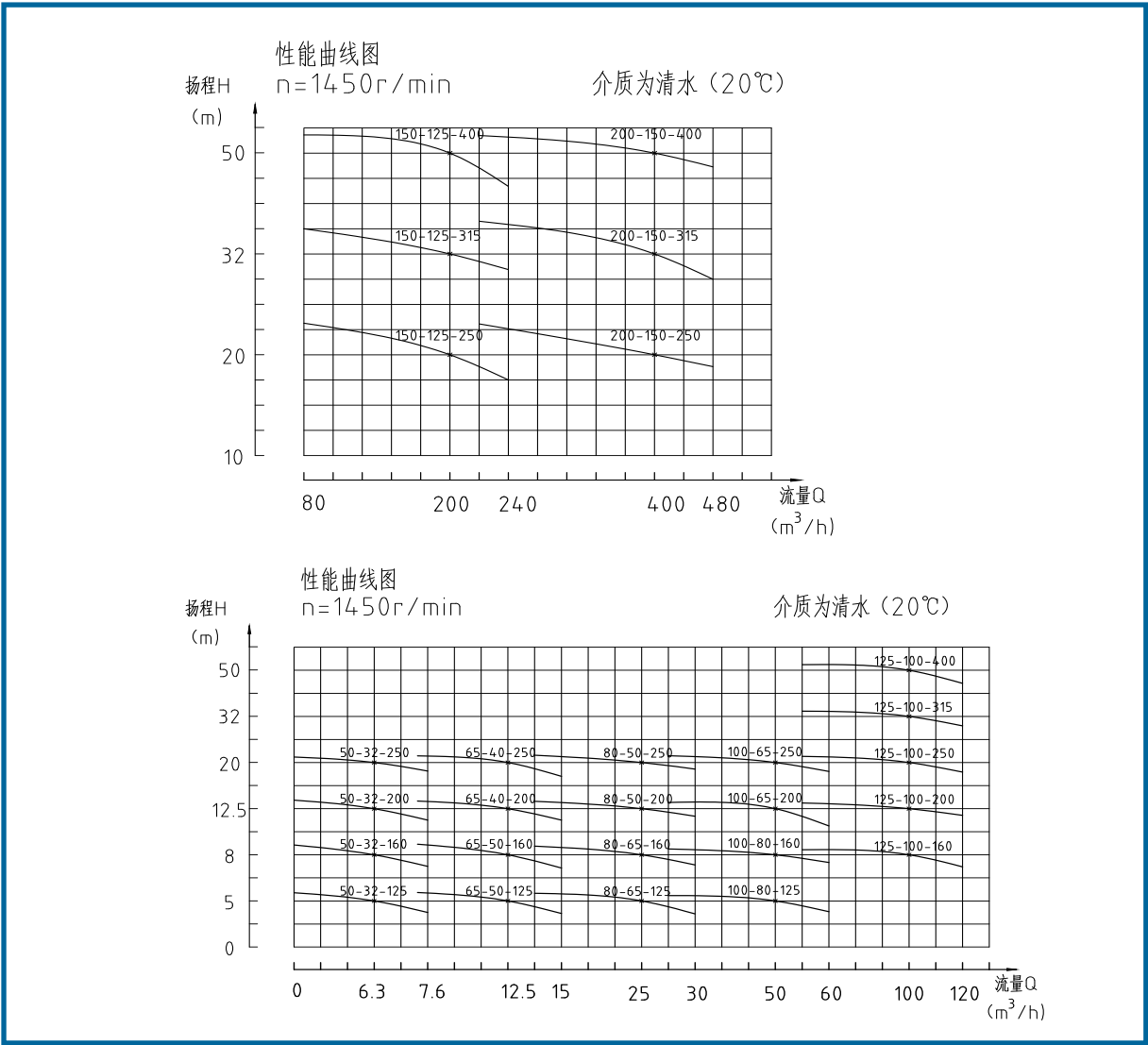
配四级电机 n=1450r/min 设计压力：1.6Mpa

型 号 Model No	流 量 Flow Capacity (m³/h)	扬程 Pump Head (m)	效率 Efficiency (%)	电机功率 Motor power	汽蚀余量 NPSH.	口径Diameter(mm)		转速 Rotating speed
						进口 Inlet	出口 outlet	
IMD50-32-125FT	6.3	5	38	0.55	2	50	32	1450
IMD50-32-160FT	6.3	8	39	0.55	2	50	32	
IMD50-32-200FT	6.3	12.5	40	1.1	2	50	32	
IMD50-32-250FT	6.3	20	27	1.5	2	50	32	
IMD65-50-125FT	12.5	5	48	0.55	2	65	50	
IMD65-50-160FT	12.5	8	51	1.1	2	65	50	
IMD65-40-200FT	12.5	12.5	42	1.5	2	65	40	
IMD65-40-250FT	12.5	20	29	3	2	65	40	
IMD80-65-125FT	25	5	52	1.1	2.5	80	65	
IMD80-65-160FT	25	8	63	1.5	2.5	80	65	
IMD80-50-200FT	25	12.5	51	2.2	2.5	80	50	
IMD80-50-250FT	25	20	53	5.5	2.5	80	50	
IMD100-80-125FT	50	5	65	1.5	2.5	100	80	
IMD100-80-160FT	50	8	55	2.2	2.5	100	80	
IMD100-65-200FT	50	12.5	59	5.5	2.5	100	65	
IMD100-65-250FT	50	20	49	7.5	2.5	100	65	
IMD125-100-160FT	100	8	55	5.5	3	125	100	
IMD125-100-200FT	100	12.5	62	11	3	125	100	
IMD125-100-315FT	100	32	53	22	3	125	100	
IMD125-100-400FT	100	50	59	30	3	125	100	
IMD150-125-250FT	200	20	43	30	3.2	150	125	
IMD150-125-315FT	200	32	58	37	3.2	150	125	
IMD150-125-400FT	200	50	60	55	4	150	125	
IMD200-150-250FT	400	20	60	45	4	200	150	
IMD200-150-315FT	400	32	68	75	4	200	150	
IMD200-150-400FT	400	50	63	110	5	200	150	

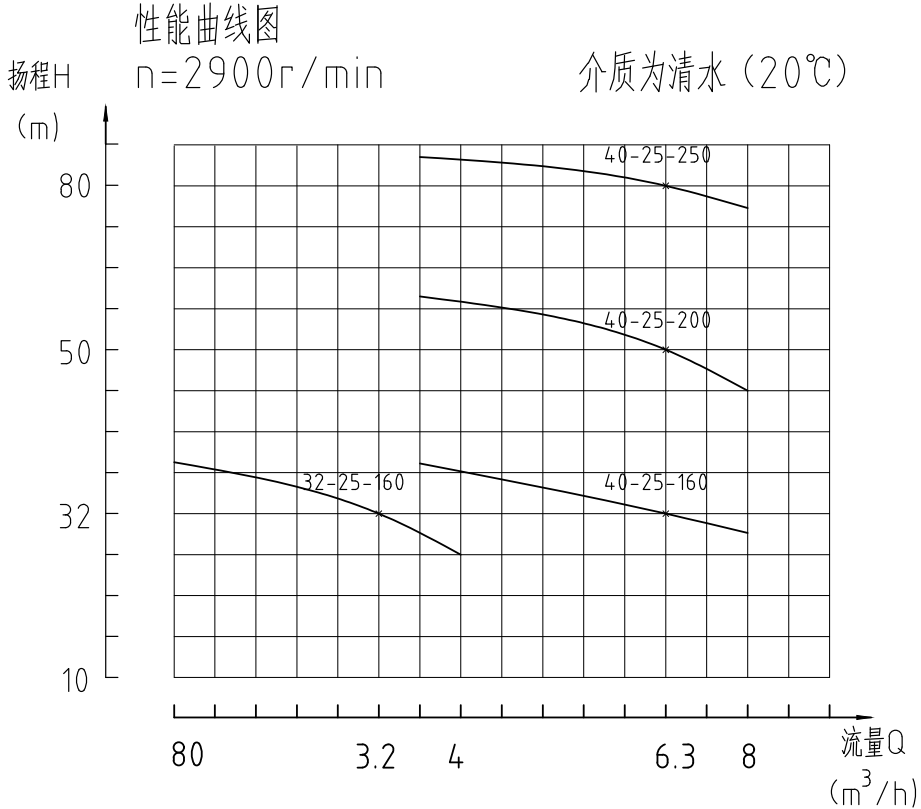
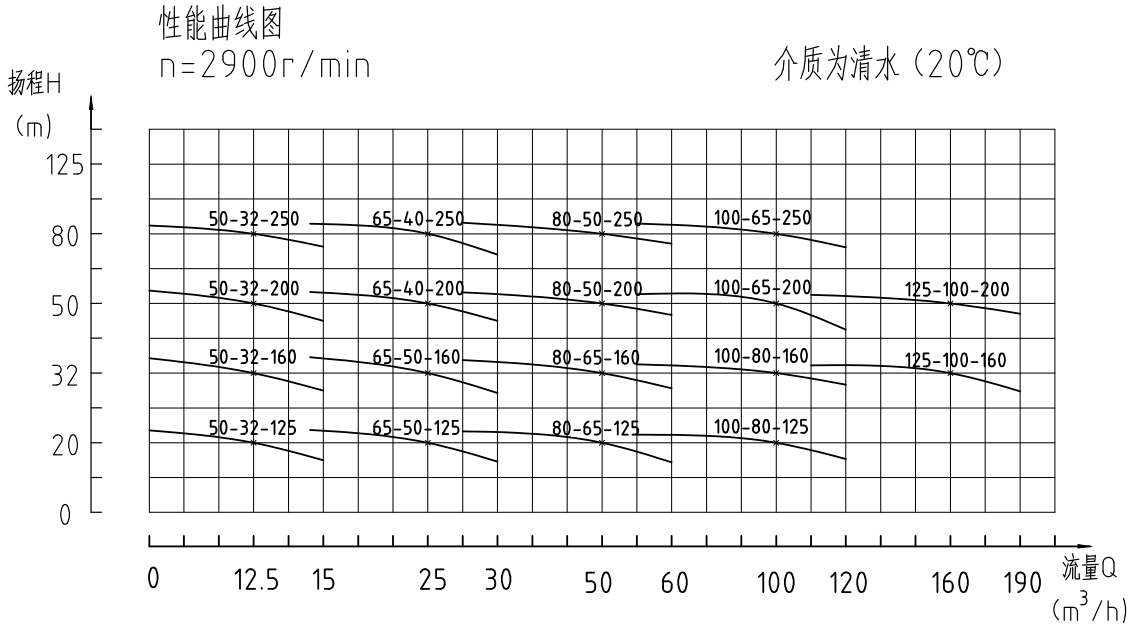
型号意义
Model significance



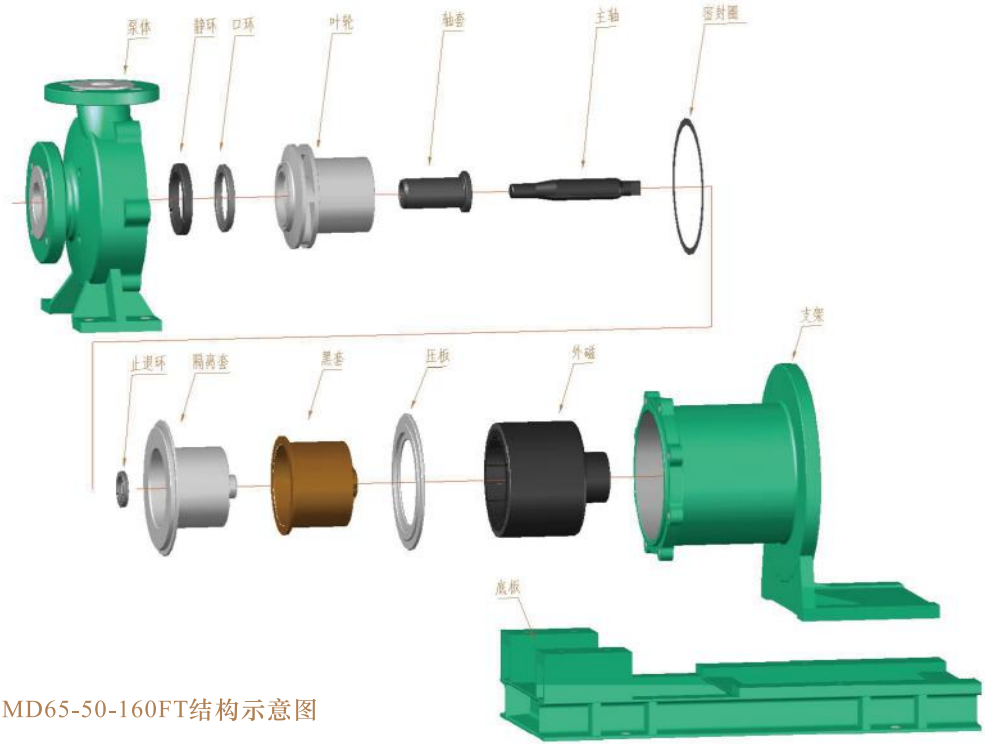
性能曲线
Performance Curve



性能曲线
Performance Curve



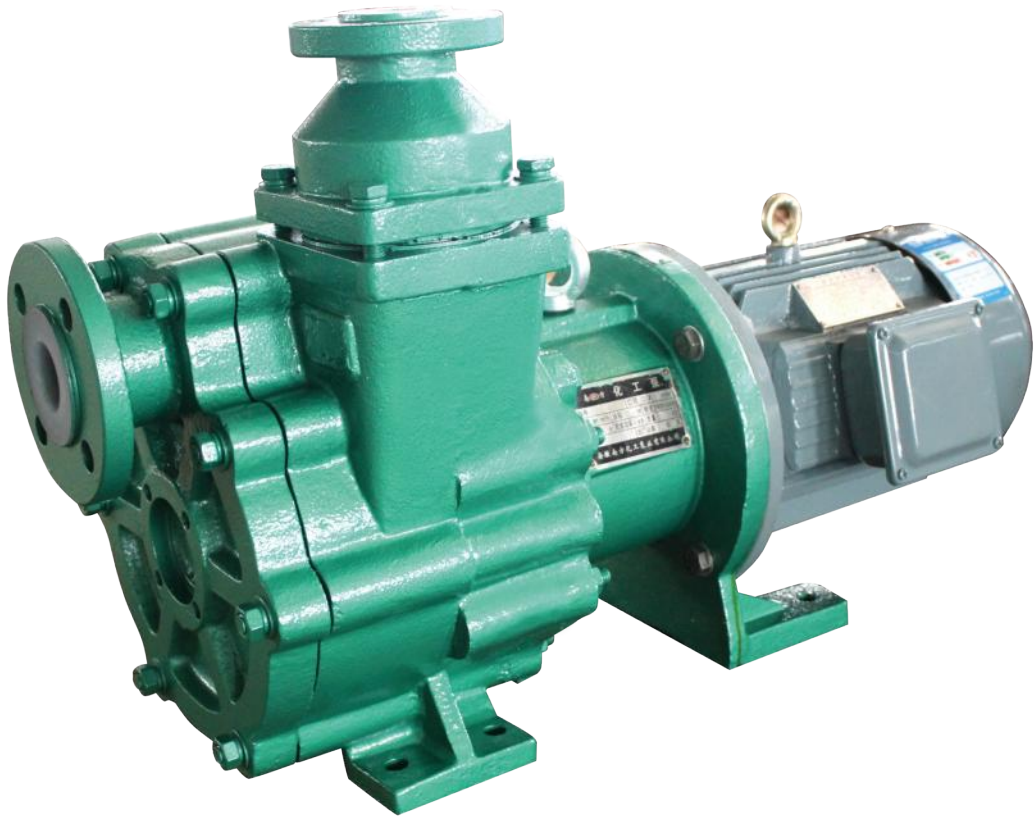
三维图及材质结构图
Three dimensional figure and material structure



ZMD

衬氟无泄漏磁力自吸泵

Lined-in Fluorine Plastic Self-Priming Magnetic Driven Pump



工作条件

Working Conditions

口径：25-150mm
工作温度：-20℃ -150℃
流量范围：3m³/h-250m³/h
扬程范围：12.5m-50m
材质范围：内衬F46\PFA
设计标准：API685

Pump Diameter : 25mm-150mm
Working Temperature :-20 -150
Flow Capacity Range : 3m³ /h-250m³ /h
Pump Head Range: 12.5 m -50m
Materials Range : Lined-in FEP(F46) , PFA.
Designed Standard : API 685

运用领域

Application Fields

生物医药、石油化工、矿山冶金、纺织印染、电力、食品、造纸、电镀、污水处理、烟气处理、新能源、新材料等行业。

Biological medicine, petrochemical, mining, metallurgy, textile printing and dyeing, electricity, food, papermaking, electroplating, sewage treatment, flue gas treatment, new energy, new materials and other industries.

产品用途

Pump Usage

适用于输送易燃易爆挥发、有毒有害、贵重及强腐蚀性的清洁介质；如任何浓度的酸碱、盐、溶剂、强氧化剂等。

Applicable to transport inflammable and explosive volatile, poisonous and harmful, valuable and highly corrosive cleaning medium; Such as any concentration of acid and alkali, salt, solvent, strong oxidizer, etc.

设计说明

Design Instruction

ZMD 氟塑料磁力自吸泵是结合磁力泵与自吸泵各有的特性，兼备磁力泵的无泄漏功能和自吸离心泵的自吸功能，泵自吸高度达4米。是液位低于泵吸入口、输送强腐蚀性介质的最佳选择，可以取代液下泵。

ZMD series fluoroplastic magnetic self-priming pump is a combination of magnetic pump and self-priming pump all the characteristics of both magnetic pump leak proof function and self-priming function of self-priming centrifugal pump, self-priming pump dada 4 m. Is a level below the pump inlet, the best choice for transporting the corrosive medium, can take the place of submerged pump.

性能参数表

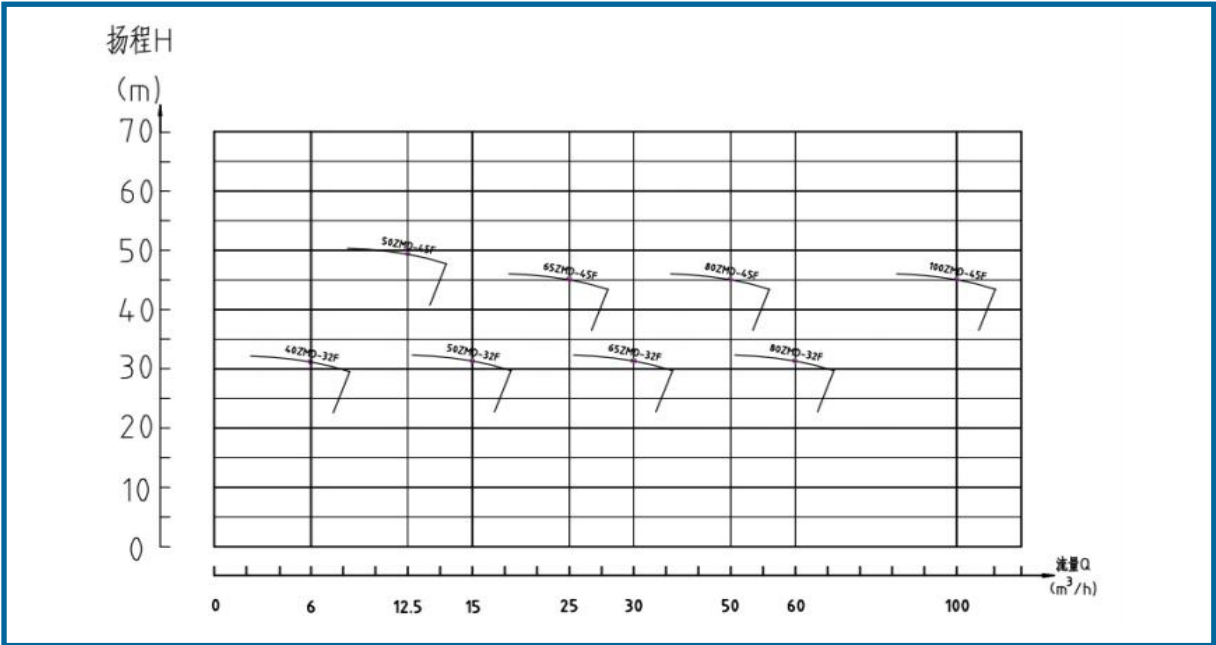
Performance Parameter Table

型 号 Model No	流 量 Flow Capacity (m3/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效 率 Efficiency (%)	汽蚀 余量 NPSHr (m)	口径Diameter(mm)		自吸高度 Self-Priming Height(m)	自吸时间 Self-Priming Time(s)
							进口 Inlet	出口 outlet		
40ZMD-20F	3	21	2.2	2900	22	3	40	25	1	150
	6	20			36					
	10	18			48					
40ZMD-30F	3	34	4	2900	16	3	40	50	3	150
	6	30			24					
	10	28			33					
50ZMD-20F	8	22	2.2	2900	25	3	50	25	1	150
	12	20			35					
	12.5	18			42					
50ZMD-30F	8	34	5.5	2900	40	3	50	50	3	180
	12.5	30			44					
	15	28			32					
50ZMD-45F	8	48	7.5	2900	26	3	65	40	3	180
	12.5	45			35					
	15	40			38					
65ZMD-30F	20	34	7.5	2900	45	3.5	65	50	3	200
	30	32			52					
	35	28			48					
65ZMD-45F	20	46	11	2900	40	4.5	65	40	3	200
	25	45			44					
	35	40			40					

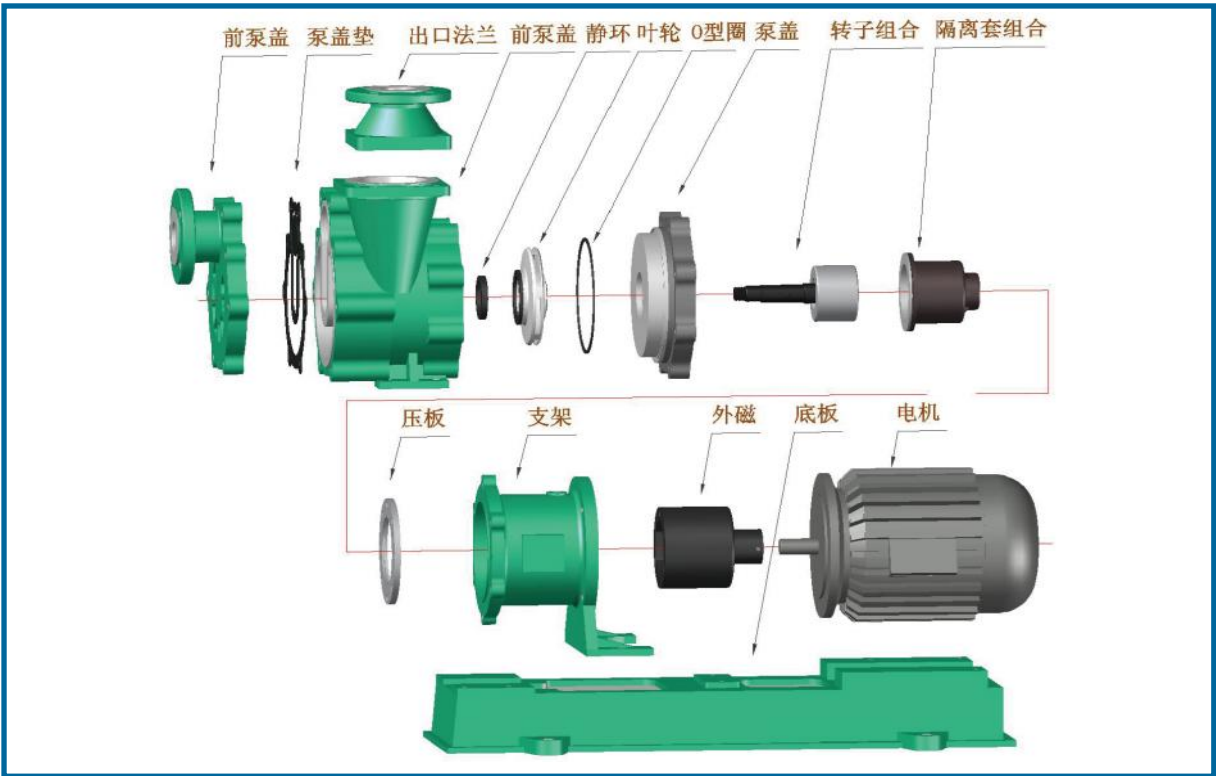
性能参数表
Performance Parameter Table

型 号 Model No	流 量 Flow Capacity (m3/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效率 Efficiency (%)	汽蚀 余量 NPSHr (m)	口径Diameter(mm)		自吸高度 Self-Priming Height(m)	自吸时间 Self-Priming Time(s)
							进口 Inlet	出口 outlet		
80ZMD-30F	35	34	11	2900	50	3.5	80	65	3	200
	50	30			55					
	65	28			50					
80ZMD-45F	35	48	18.5	2900	38	4.5	80	65	3	200
	50	45			50					
	60	40			48					
100ZMD-30F	70	34	18.5	2900	41	4.5	100	80	3	220
	100	30			50					
	110	28			48					
100ZMD-45F	70	48	30	2900	54	5	100	80	3	250
	100	45			55					
	110	30			38					

性能曲线
Performance Curve



三维图及材质结构图
Three dimensional figure and material structure



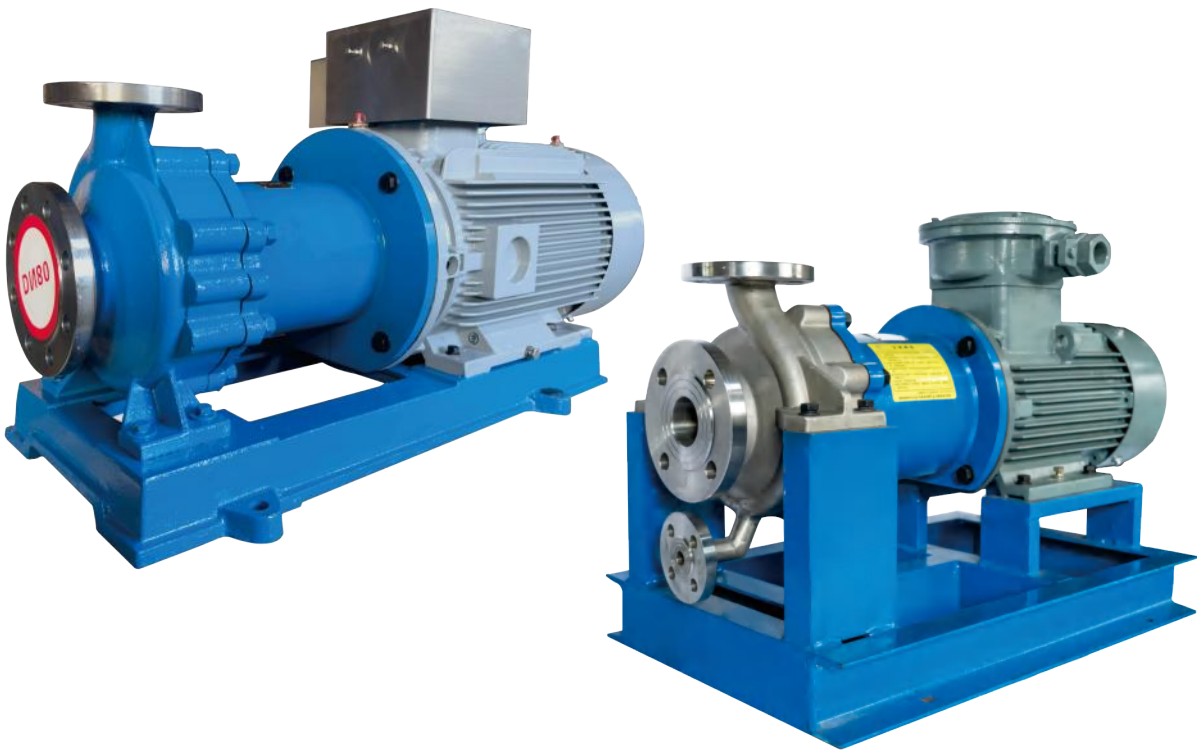
型号意义
Model significance



NMQ

不锈钢磁力泵

Stainless Steel Magnetic Pump



工作条件

Working Conditions

口径: 20-300mm
工作温度: -120℃-320℃
流量范围: 3m³/h-800m³/h
扬程范围: 12.5m-130m
材质范围: 304、304L、316L、
2205/904L、TA2、HC276
设计标准: HG/T2730、SH/T3148、
API685
Caliber: 20-300mm
Operating temperature: -120 ℃ -320 ℃
Flow range: 3m³/h-800m³/h
Head range: 12.5m-130m
Material range: 304, 304L, 316L, 2205/904L,
TA2, Hc276
Design standard: HG/T2730,
SH/T3148, API685

运用领域

Application Fields

生物医药、石油化工、矿山
冶金、纺织印染、电力、食
品、造纸、电镀、污水处理、
烟气处理、新能源、新材料
等行业。
Biological medicine, petrochemical,
mining, metallurgy, textile printing and
dyeing, electricity, food, papermaking,
electroplating, sewage treatment, flue
gas treatment, new energy, new
materials and other industries.

产品用途

Pump Usage

适用于化学工业领域输送
中性或腐蚀性，低温或高
温，易燃、易爆、易挥发、有
毒、有害及贵重的清洁介
质。
Applicable to transport inflammable
and explosive volatile, poisonous and
harmful, valuable and highly
corrosive cleaning medium; Such as
any concentration of acid and alkali,
salt, solvent, strong oxidizer, etc.

设计说明

Design Instruction

NMQ 系列不锈钢磁力泵是我公司在标准的 CQB 金属磁力泵上改进而成的新型高效磁力泵。采用国际领先的组合拉推磁路并优化设计,在相同尺寸下磁扭矩提高15%,隔离套可采用HC276、TA2等材质,大大降低了磁涡流产生的损耗;优秀的水力模型使整机效率提高了3-8个百分点;采用双滑动轴承支撑,运行平稳。温度在100℃以下选用磁能积最大的钕铁硼磁料,100℃-320℃耐高温的钕钴磁材,产品零配件通配性和标准化程度高、通用型性强。

NMQ series stainless steel magnetic pump is a new type of high-efficiency magnetic pump improved from the standard COB metal magnetic pump. The international leading combined pull-push magnetic circuit is adopted and the design is optimized. The magnetic torque is increased by 15% under the same size. The isolation sleeve can be made of HC276, TA2 and other materials, which greatly reduces the loss caused by magnetic eddy current. The excellent hydraulic model improves the efficiency of the whole machine by 3-8 percentage points. It is supported by double sliding bearings and runs smoothly. When the temperature is below 100 ℃, the Nd-Fe-B magnetic material with the largest magnetic energy product and the samarium-cobalt magnetic material with high temperature resistance of 100 ℃ -320 ℃ are selected. The product has high compatibility, standardization and universality.

性能参数表

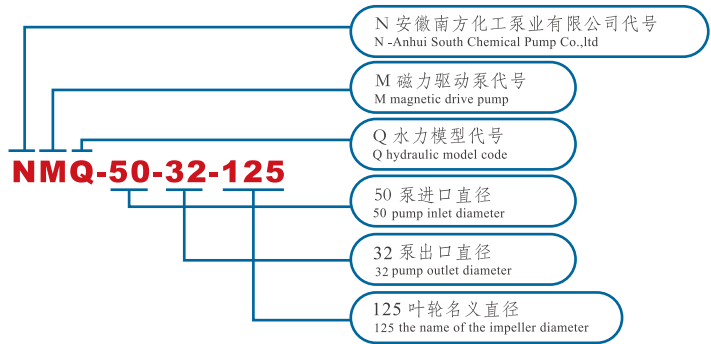
Performance Parameter Table

型 号 Model No	流 量 Flow Capacity (m3/h)	扬程 Pump Head (m)	汽蚀余量 NPSHr	效 率 Efficiency (%)	水轴功率 Water shaft power	电机功率 Motor power	转速 Rotating speed	口径Diameter(mm)	
								进口 Inlet	出口 outlet
32-20-125	3.2	20	2	16%	1.09	1.5	2900	32	20
32-20-160	3.2	32	2	15%	1.86	2.2	2900	32	20
32-32-200	3.2	50	2	12%	3.63	5.5	2900	32	32
40-25-125	6.3	20	2	20%	1.72	2.2	2900	40	25
40-25-160	6.3	32	2	23%	2.39	3	2900	40	25
40-25-200	6.3	50	2	18%	4.77	5.5	2900	40	25
40-32-250	6.3	80	2	13%	10.56	15	2900	40	32
50-32-125	12.5	20	2	27%	2.52	3	2900	50	32
50-32-160	12.5	32	2	28%	3.89	4	2900	50	32
50-32-200	12.5	50	2	30%	5.68	7.5	2900	50	32
50-32-250	12.5	80	2	21%	12.98	18.5	2900	50	32
65-50-125	25	20	2	41%	3.32	4	2900	65	50
65-50-160	25	32	2	36%	6.06	7.5	2900	65	50
65-40-200	25	50	2	32%	10.64	15	2900	65	40
65-40-250	25	80	2	24%	22.71	30	2900	65	40
65-40-315	25	125	2.4	26%	32.75	45	2900	65	40
80-65-125	50	20	2.4	56%	4.87	5.5	2900	80	65
80-65-160	50	32	2.4	44%	9.91	15	2900	80	65
80-50-200	50	50	2.4	44%	15.48	18.5	2900	80	50

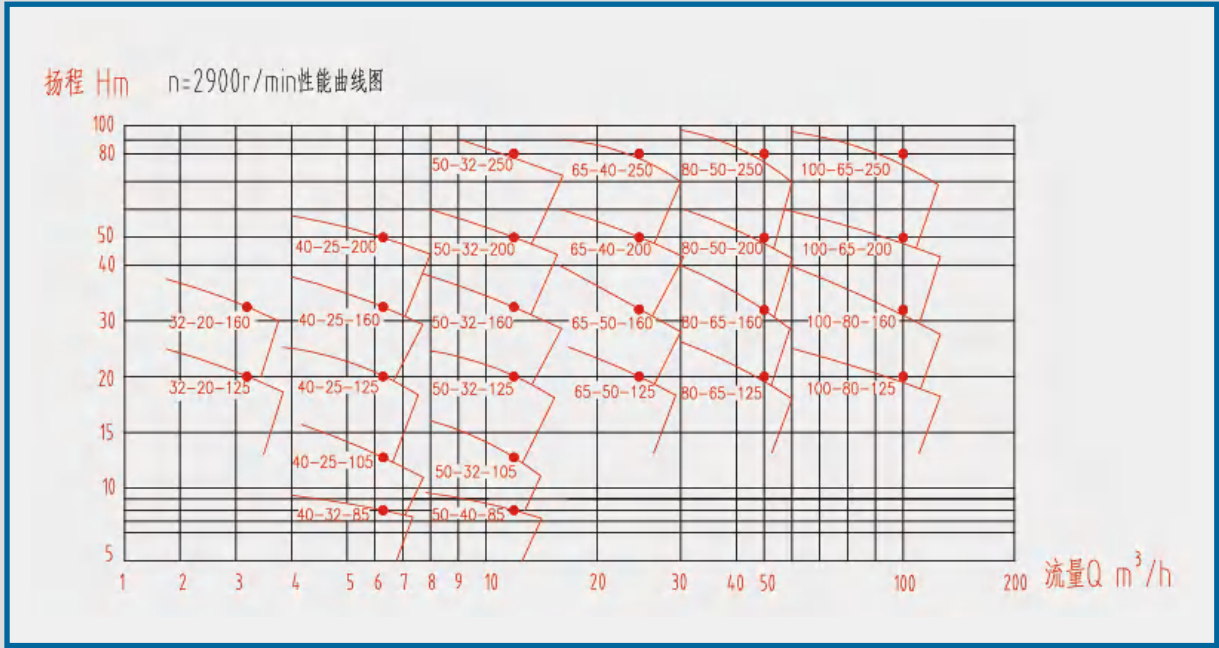
性能参数表
Performance Parameter Table

型号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	汽蚀余量 NPSHr	效率 Efficiency (%)	水轴功率 Water shaft power	电机功率 Motor power	转速 Rotating speed	口径Diameter(mm)	
								进口 Inlet	出口 outlet
80-50-250	50	80	2.4	38%	28.68	37	2900	80	50
80-50-315	50	125	2.4	40%	42.57	55	2900	80	50
100-80-125	100	20	3.2	48%	11.35	15	2900	100	80
100-80-160	100	32	3.2	47%	18.55	22	2900	100	80
100-65-200	100	50	3.2	47%	28.99	37	2900	100	65
100-65-250	100	80	3.2	51%	42.74	55	2900	100	65
100-65-315	100	125	3.2	34%	100.18	110	2900	100	65
125-125-125	140	20	4.5	38%	20.08	22	2900	125	125
125-80-160	160	32	4.5	43%	32.44	37	2900	125	80
125-100-200	200	50	4.5	59%	46.18	55	2900	125	100
125-100-250	200	80	4.5	41%	106.33	110	2900	125	100
150-125-250	200	20	2.8	51%	21.37	22	1450	150	125
150-125-315	200	32	2.8	57%	30.59	37	1450	150	125
150-125-400	200	50	2.8	56%	48.66	55	1450	150	125
200-150-250	400	20	3.2	68%	32.06	37	1450	200	150
200-150-315	400	32	3.5	66%	52.84	75	1450	200	150
200-150-400	400	50	3.8	52%	104.80	110	1450	200	150
250-200-400	600	50	4	47%	173.92	185	1450	250	200

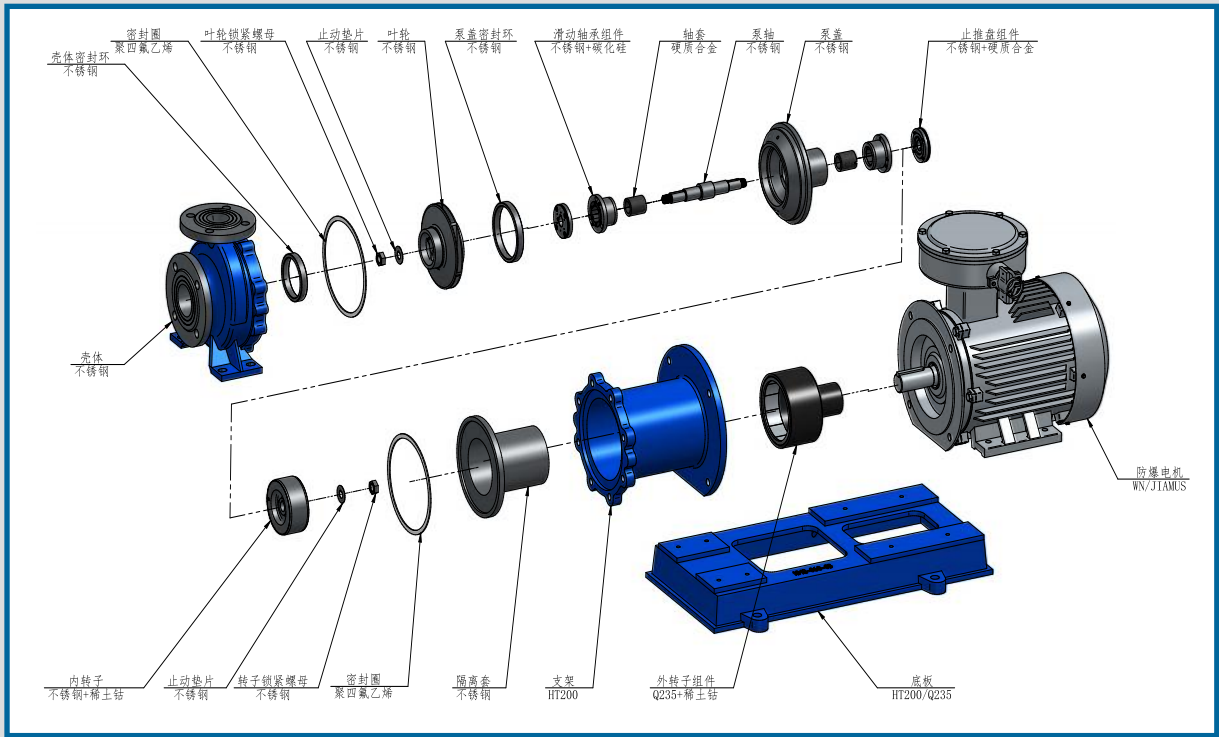
型号意义
Model significance



性能曲线
Performance Curve



三维图及材质结构图
Three dimensional figure and material structure



NMQ-W型 不锈钢保温磁力泵

Stainless Steel Heat Preservation Magnetic Pump



工作条件 Working Conditions

口径: 20-300mm
工作温度: -120℃-320℃
流量范围: 3m³/h-800m³/h
扬程范围: 12.5m-130m
材质范围: 304、304L、316L、
2205/904L、TA2、HC276
设计标准: HG/T2730、SH/T3148、
API685
Caliber: 20-300mm
Operating temperature: -120 ℃ -320 ℃
Flow range: 3m³/h-800m³/h
Head range: 12.5m-130m
Material range: 304, 304L, 316L, 2205/904L,
TA2, Hc276
Design standard: HG/T2730,
SH/T3148, API685

运用领域 Application Fields

生物医药、石油化工、矿山
冶金、纺织印染、电力、食
品、造纸、电镀、污水处理、
烟气处理、新能源、新材料
等行业。

Biological medicine, petrochemical,
mining, metallurgy, textile printing and
dyeing, electricity, food, papermaking,
electroplating, sewage treatment, flue
gas treatment, new energy, new
materials and other industries.

产品用途 Pump Usage

适用于化学工业领域输送
中性或腐蚀性，低温或高
温，易燃、易爆、易挥发、有
毒、有害及贵重的清洁介
质。

Applicable to transport inflammable
and explosive volatile, poisonous and
harmful, valuable and highly
corrosive cleaning medium; Such as
any concentration of acid and alkali,
salt, solvent, strong oxidizer, etc.

设计说明 Design Instruction

NMQEW（直连两保温）NMLEW（分体两保温）型和NMLSW（三保温）型是根据用户要求输送易结晶的介质要求而开发的保温型磁力泵，既可以输送高温介质也可以输送低温介质，该系列磁力泵延续了高温磁力泵的优点，针对介质必须在规定的温度范围内输送，采用独特的新型保温结构，使介质在输送中即保持流动性，同时也不会因温度变异产生冷凝、结晶、汽化等现象；对驱动部分根据使用工况不同采取相对应的保温、冷却方式，以保证驱动部分不会受输送介质温度的影响。

NMQEW (direct connection with two insulation), NMLEW (split with two insulation) and NMLSW (three insulation) are insulation magnetic pumps developed according to the user's requirements for conveying the medium that is easy to crystallize. They can convey both high temperature and low temperature media. This series of magnetic pumps continue the advantages of high temperature magnetic pumps. The medium must be conveyed within the specified temperature range. The unique new insulation structure is adopted to keep the medium flowability during the transmission, and avoid condensation, crystallization, vaporization and other phenomena due to temperature variation; the corresponding insulation and cooling methods are adopted for the driving part according to different working conditions to ensure that the driving part will not be affected by the temperature of the transmission medium.

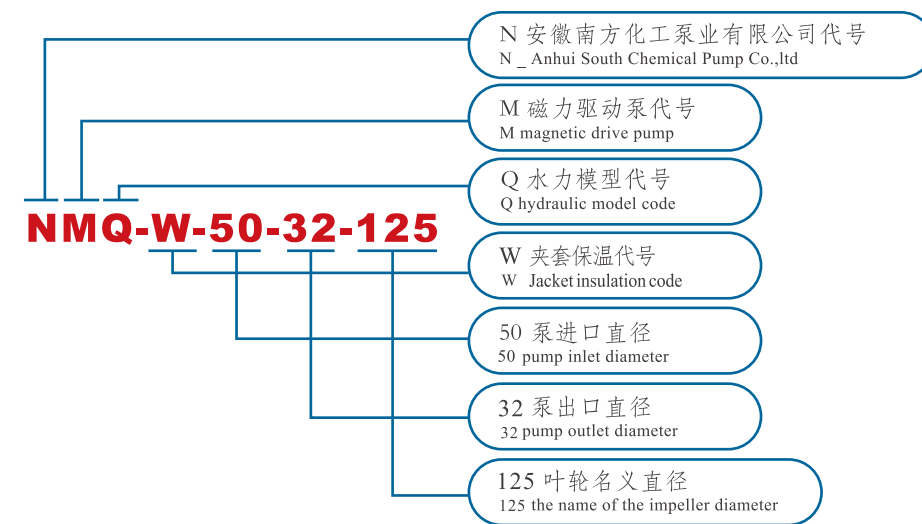
性能参数表 Performance Parameter Table

型 号 Model No	流 量 Flow Capacity (m3/h)	扬程 Pump Head (m)	汽蚀余量 NPSHr	效 率 Efficiency (%)	水轴功率 Water shaft power	电机功率 Motor power	转速 Rotating speed	口径Diameter(mm)	
								进口 Inlet	出口 outlet
32-20-125	3.2	20	2	16%	1.09	1.5	2900	32	20
32-20-160	3.2	32	2	15%	1.86	2.2	2900	32	20
32-32-200	3.2	50	2	12%	3.63	5.5	2900	32	32
40-25-125	6.3	20	2	20%	1.72	2.2	2900	40	25
40-25-160	6.3	32	2	23%	2.39	3	2900	40	25
40-25-200	6.3	50	2	18%	4.77	5.5	2900	40	25
40-32-250	6.3	80	2	13%	10.56	15	2900	40	32
50-32-125	12.5	20	2	27%	2.52	3	2900	50	32
50-32-160	12.5	32	2	28%	3.89	4	2900	50	32
50-32-200	12.5	50	2	30%	5.68	7.5	2900	50	32
50-32-250	12.5	80	2	21%	12.98	18.5	2900	50	32
65-50-125	25	20	2	41%	3.32	4	2900	65	50
65-50-160	25	32	2	36%	6.06	7.5	2900	65	50
65-40-200	25	50	2	32%	10.64	15	2900	65	40
65-40-250	25	80	2	24%	22.71	30	2900	65	40
65-40-315	25	125	2.4	26%	32.75	45	2900	65	40
80-65-125	50	20	2.4	56%	4.87	5.5	2900	80	65
80-65-160	50	32	2.4	44%	9.91	15	2900	80	65
80-50-200	50	50	2.4	44%	15.48	18.5	2900	80	50

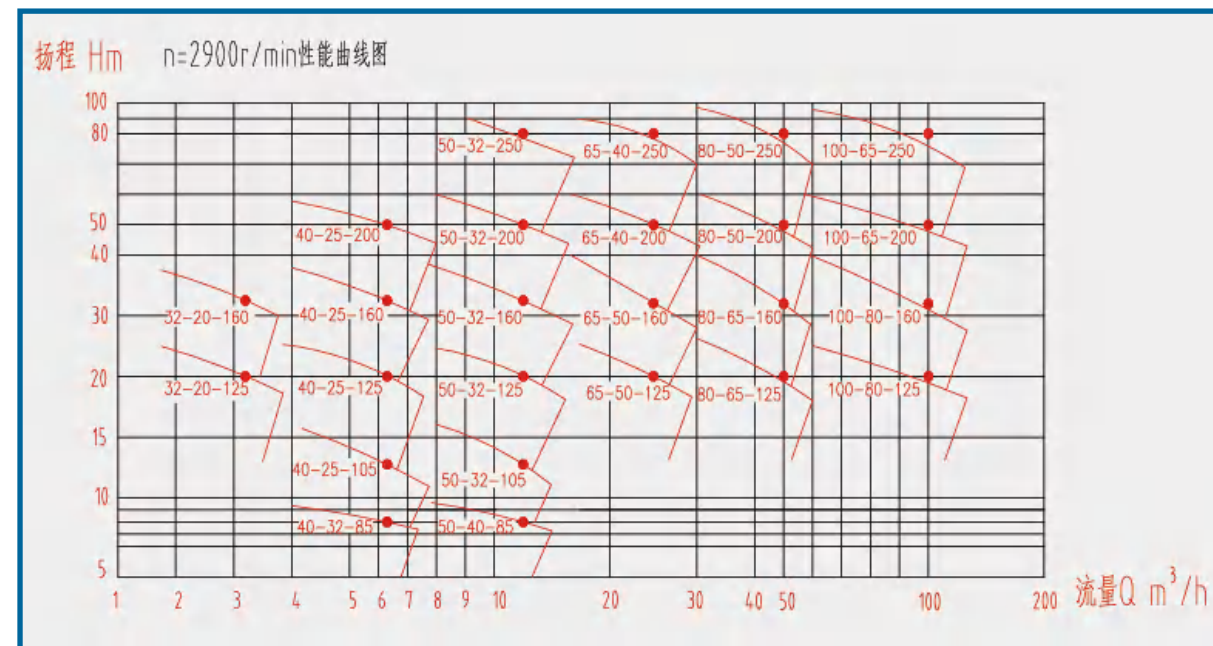
 性能参数表
Performance Parameter Table

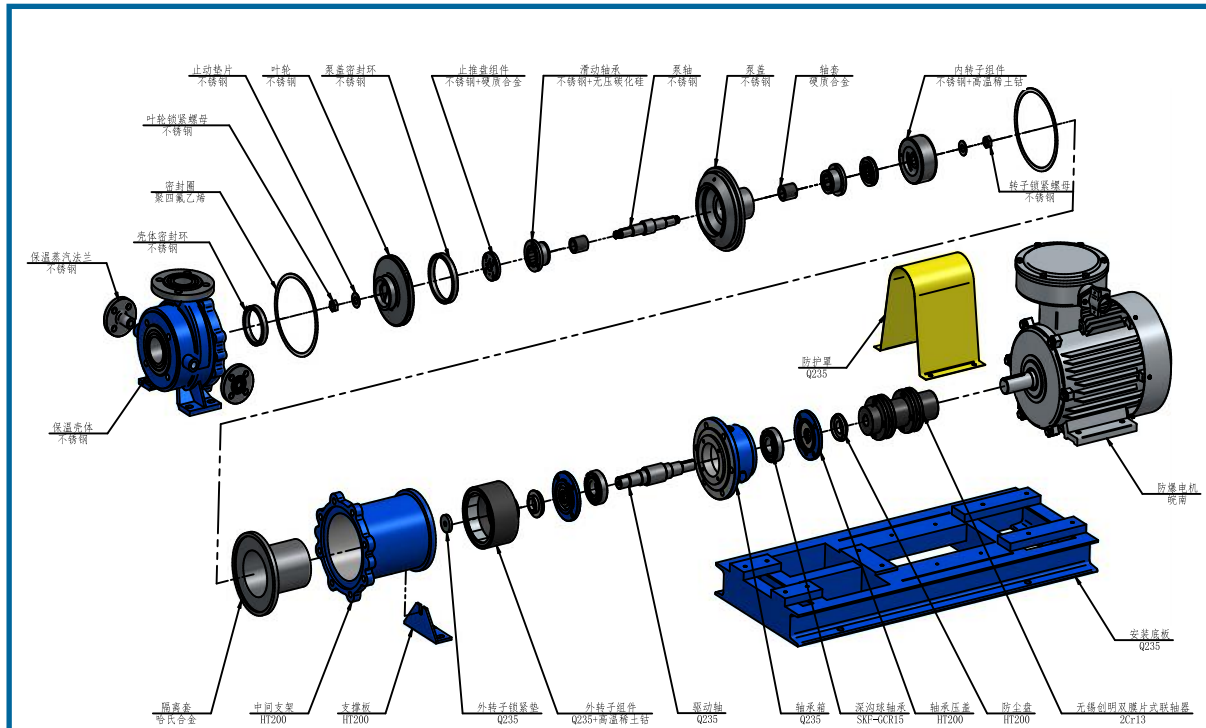
型 号 Model No	流 量 Flow Capacity (m3/h)	扬程 Pump Head (m)	汽蚀余量 NPSHr	效 率 Efficiency (%)	水轴功率 Water shaft power	电机功率 Motor power	转速 Rotating speed	口径Diameter(mm)	
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80-50-315	50	125	2.4	40%	42.57	55	2900	80	50
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100-80-160	100	32	3.2	47%	18.55	22	2900	100	80
100-65-200	100	50	3.2	47%	28.99	37	2900	100	65
100-65-250	100	80	3.2	51%	42.74	55	2900	100	65
100-65-315	100	125	3.2	34%	100.18	110	2900	100	65
125-125-125	140	20	4.5	38%	20.08	22	2900	125	125
125-80-160	160	32	4.5	43%	32.44	37	2900	125	80
125-100-200	200	50	4.5	59%	46.18	55	2900	125	100
125-100-250	200	80	4.5	41%	106.33	110	2900	125	100
150-125-250	200	20	2.8	51%	21.37	22	1450	150	125
150-125-315	200	32	2.8	57%	30.59	37	1450	150	125
150-125-400	200	50	2.8	56%	48.66	55	1450	150	125
200-150-250	400	20	3.2	68%	32.06	37	1450	200	150
200-150-315	400	32	3.5	66%	52.84	75	1450	200	150
200-150-400	400	50	3.8	52%	104.80	110	1450	200	150
250-200-400	600	50	4	47%	173.92	185	1450	250	200

 型号意义
Model significance

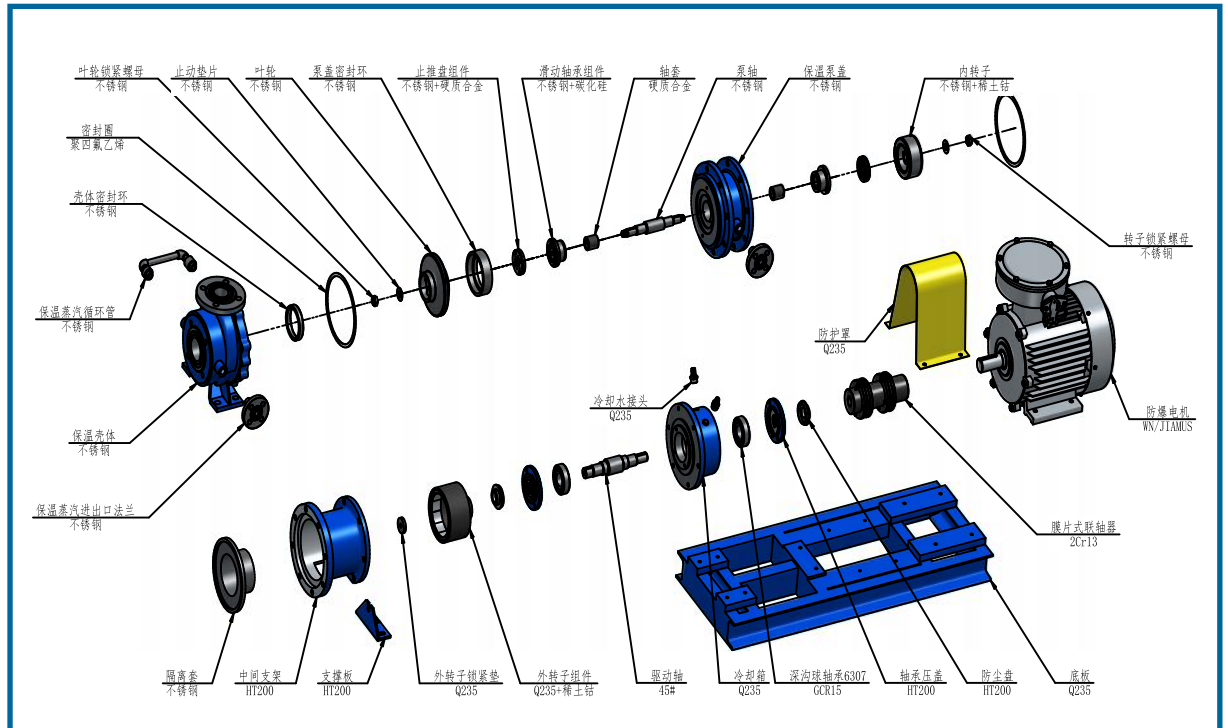


 性能曲线
Performance Curve

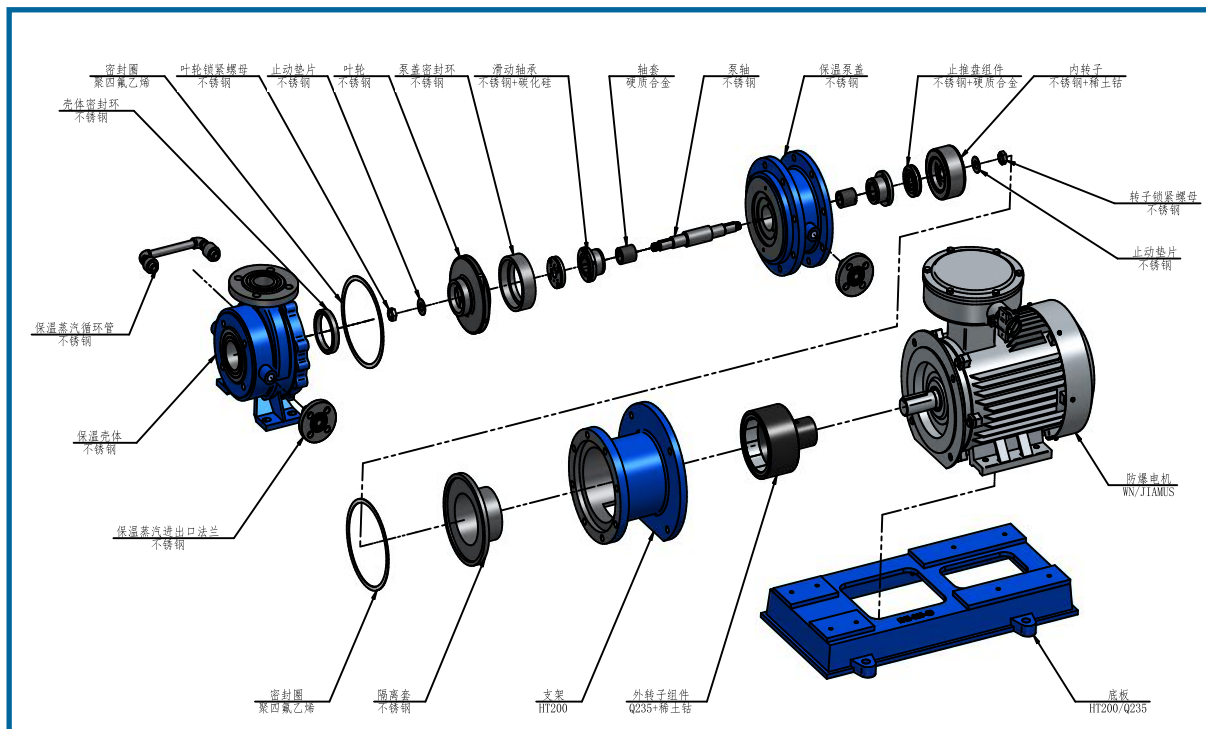




NMBL型分体式不锈钢壳体单保温高温磁力泵



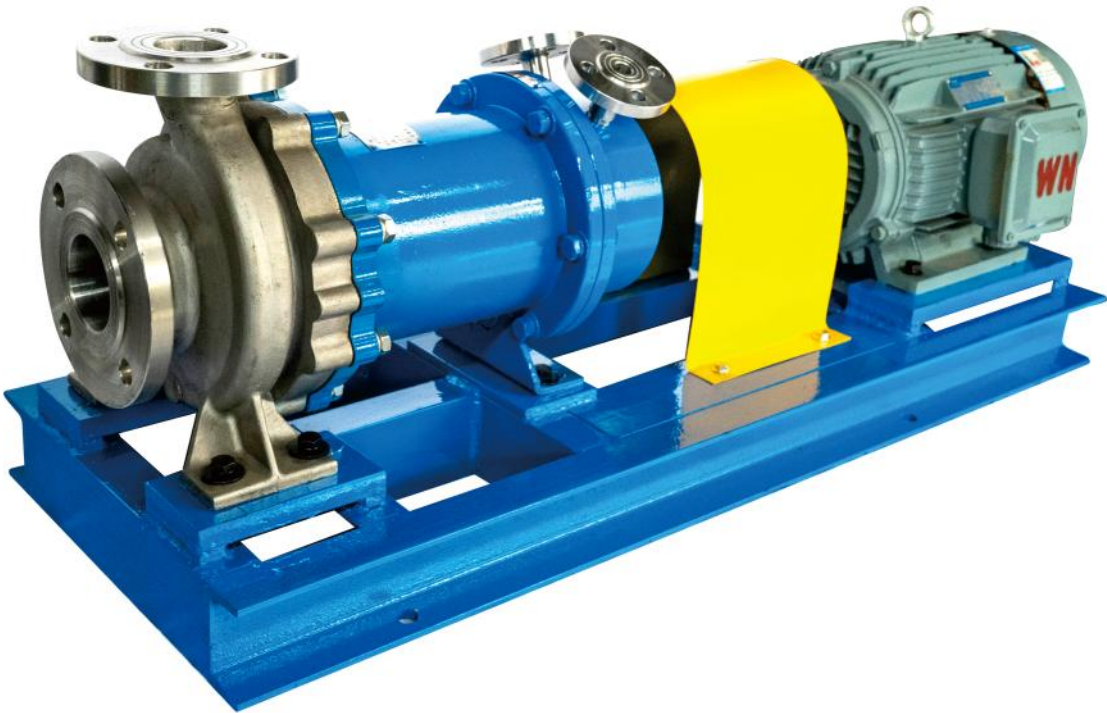
NMLEW型分体式不锈钢双保温磁力泵



NMQEW型不锈钢双保温磁力泵

NMQGD型 高温型不锈钢磁力泵

High Temperature Stainless Steel Magnetic Pump



工作条件

Working Conditions

口径: 20-300mm
工作温度: -120℃-320℃
流量范围: 3m³/h-800m³/h
扬程范围: 12.5m-130m
材质范围: 304、304L、316L、
2205/904L、TA2、HC276
设计标准: HG/T2730、SH/T3148、
API685
Caliber: 20-300mm
Operating temperature: -120℃-320℃
Flow range: 3m³/h-800m³/h
Head range: 12.5m-130m
Material range: 304, 304L, 316L, 2205/904L,
TA2, Hc276
Design standard: HG/T2730,
SH/T3148, API685

运用领域

Application Fields

生物医药、石油化工、矿山
冶金、纺织印染、电力、食
品、造纸、电镀、污水处理、
烟气处理、新能源、新材料
等行业。
Biological medicine, petrochemical,
mining, metallurgy, textile printing and
dyeing, electricity, food, papermaking,
electroplating, sewage treatment, flue
gas treatment, new energy, new
materials and other industries.

产品用途

Pump Usage

适用于化学工业领域输送
中性或腐蚀性，低温或高
温，易燃、易爆、易挥发、有
毒、有害及贵重的清洁介
质。
Applicable to transport inflammable
and explosive volatile, poisonous and
harmful, valuable and highly
corrosive cleaning medium; Such as
any concentration of acid and alkali,
salt, solvent, strong oxidizer, etc.

设计说明

Design Instruction

高温不锈钢磁力泵，耐温200℃以下采用NMQG，耐温200℃-320℃采用NMQGD，是我公司根据现在用户和市场需
求，结合市场上现有磁力泵的基础上研究开发的新型高温无泄露耐腐蚀泵。NMQGD型，独特的结构设计防止了零部
件在高温下由于热膨胀而失效的情况发生。

High temperature stainless steel magnetic pump, NMQG for temperature resistance below 200℃, NMQGD for temperature resistance
between 200℃ and 320℃, is a new type of high temperature leak-free corrosion-resistant pump developed by our company according to
the current user and market demand, combined with the existing magnetic pump in the market. The unique structural design of NMQGD
prevents the failure of components due to thermal expansion at high temperatures.

性能参数表

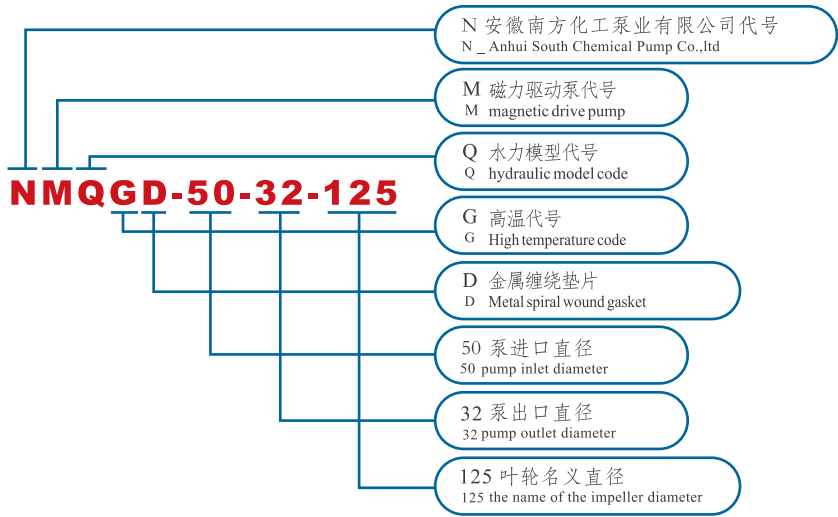
Performance Parameter Table

型 号 Model No	流 量 Flow Capacity (m3/h)	扬程 Pump Head (m)	汽蚀余量 NPSHr	效 率 Efficiency (%)	水轴功率 Water shaft power	电机功率 Motor power	转速 Rotating speed	口径Diameter(mm)	
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40-32-250	6.3	80	2	13%	10.56	15	2900	40	32
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65-50-160	25	32	2	36%	6.06	7.5	2900	65	50
65-40-200	25	50	2	32%	10.64	15	2900	65	40
65-40-250	25	80	2	24%	22.71	30	2900	65	40
65-40-315	25	125	2.4	26%	32.75	45	2900	65	40
80-65-125	50	20	2.4	56%	4.87	5.5	2900	80	65
80-65-160	50	32	2.4	44%	9.91	15	2900	80	65
80-50-200	50	50	2.4	44%	15.48	18.5	2900	80	50

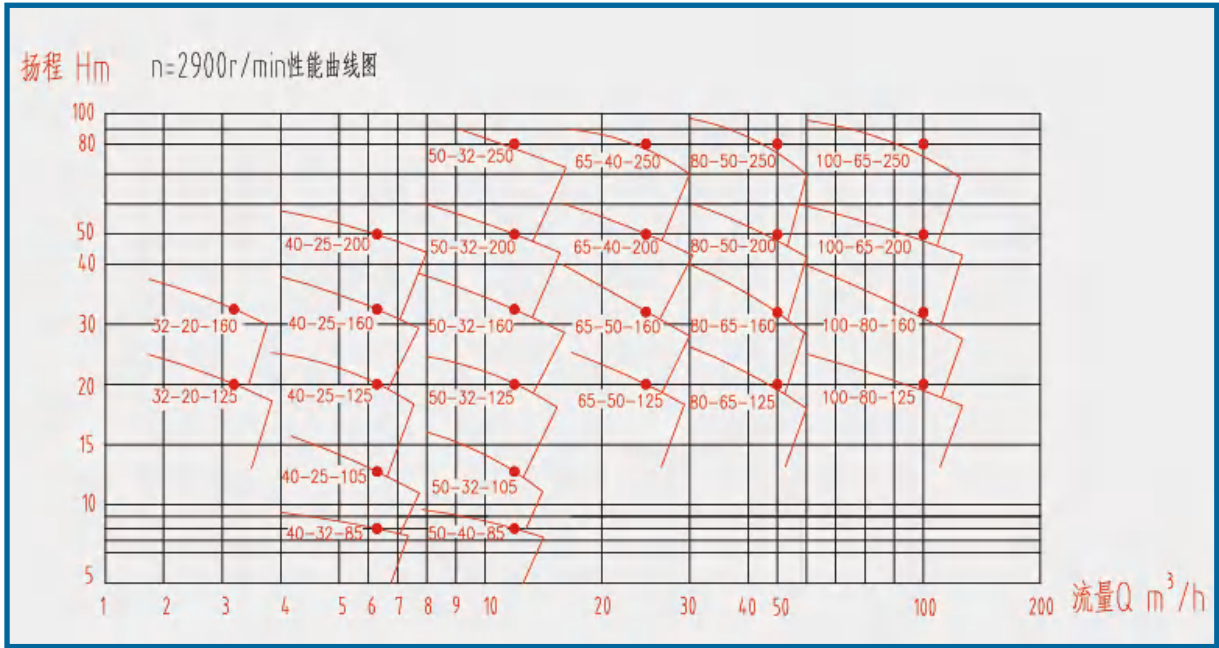
性能参数表
Performance Parameter Table

型号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	汽蚀余量 NPSHr	效率 Efficiency (%)	水轴功率 Water shaft power	电机功率 Motor power	转速 Rotating speed	口径Diameter(mm)	
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80-50-315	50	125	2.4	40%	42.57	55	2900	80	50
100-80-125	100	20	3.2	48%	11.35	15	2900	100	80
100-80-160	100	32	3.2	47%	18.55	22	2900	100	80
100-65-200	100	50	3.2	47%	28.99	37	2900	100	65
100-65-250	100	80	3.2	51%	42.74	55	2900	100	65
100-65-315	100	125	3.2	34%	100.18	110	2900	100	65
125-125-125	140	20	4.5	38%	20.08	22	2900	125	125
125-80-160	160	32	4.5	43%	32.44	37	2900	125	80
125-100-200	200	50	4.5	59%	46.18	55	2900	125	100
125-100-250	200	80	4.5	41%	106.33	110	2900	125	100
150-125-250	200	20	2.8	51%	21.37	22	1450	150	125
150-125-315	200	32	2.8	57%	30.59	37	1450	150	125
150-125-400	200	50	2.8	56%	48.66	55	1450	150	125
200-150-250	400	20	3.2	68%	32.06	37	1450	200	150
200-150-315	400	32	3.5	66%	52.84	75	1450	200	150
200-150-400	400	50	3.8	52%	104.80	110	1450	200	150
250-200-400	600	50	4	47%	173.92	185	1450	250	200

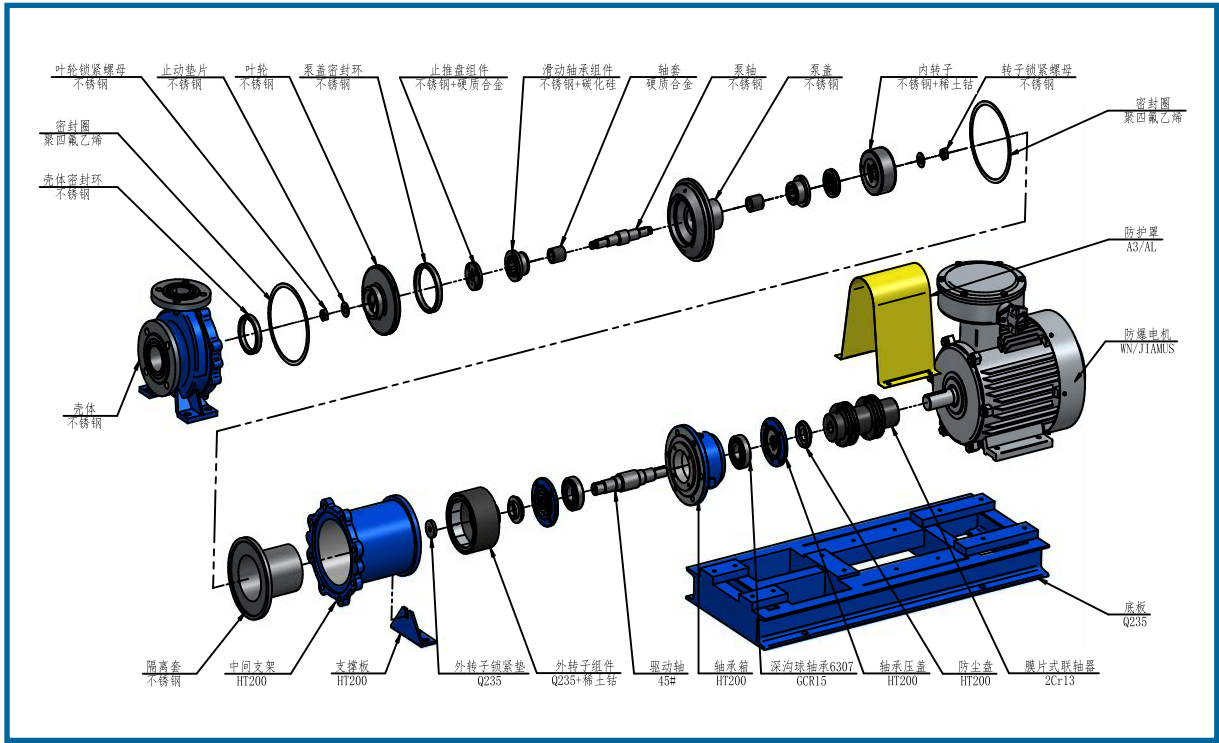
型号意义
Model significance



性能曲线
Performance Curve



三维图及材质结构图
Three dimensional figure and material structure



NMZ

不锈钢自吸磁力泵

Tainless Steel Self-priming Magnetic Pump



工作条件

Working Conditions

口径: 20-300mm
工作温度: -120℃-320℃
流量范围: 3m³/h-800m³/h
扬程范围: 12.5m-130m
材质范围: 304、304L、316L、
2205/904L、TA2、HC276
设计标准: HG/T2730、SH/T3148、
API685
Caliber: 20-300mm
Operating temperature: -120 °C -320 °C
Flow range: 3m³/h-800m³/h
Head range: 12.5m-130m
Material range: 304, 304L, 316L, 2205/904L,
TA2, Hc276
Design standard: HG/T2730,
SH/T3148, API685

运用领域

Application Fields

生物医药、石油化工、矿山
冶金、纺织印染、电力、食
品、造纸、电镀、污水处理、
烟气处理、新能源、新材料
等行业。
Biological medicine, petrochemical,
mining, metallurgy, textile printing and
dyeing, electricity, food, papermaking,
electroplating, sewage treatment, flue
gas treatment, new energy, new
materials and other industries.

产品用途

Pump Usage

适用于化学工业领域输送
中性或腐蚀性，低温或高
温，易燃、易爆、易挥发、有
毒、有害及贵重的清洁介
质。
Applicable to transport inflammable
and explosive volatile, poisonous and
harmful, valuable and highly
corrosive cleaning medium; Such as
any concentration of acid and alkali,
salt, solvent, strong oxidizer, etc.

设计说明

Design Instruction

NMZ（磁力自吸泵）和NMZLEW（两保温磁力自吸泵），是我公司在NMQ磁力泵的基础上研究开发的新型无泄露磁力自吸泵。此系列自吸泵与NMQ磁力泵的通用件一致。采用外混式轴向回水泵体结构，泵体由吸液室、储液室、蜗壳、回流孔、气液分离室等部份组成。此泵只需第一次启动灌液，以后使用时可以直接启动；适用重度污染和贵重液体等类特殊场合。近年来，目前在卸车泵中使用较多，它能防止了干磨和排空，是罐区卸车泵的理想产品。

NMZ (Magnetic Self-Priming Pump) and NMZLEW (Two Thermal Insulation Magnetic Self-Priming Pump) are new leakage-free magnetic self-priming pumps developed by our company on the basis of NMQ magnetic pump. This series of self-priming pump is the same as the common parts of NMQ magnetic pump. The pump body is composed of a liquid suction chamber, a liquid storage chamber, a volute, a reflux hole, a gas-liquid separation chamber and the like. This pump only needs to be started for the first time, and can be started directly when used later. It is suitable for special occasions such as heavy pollution and precious liquid. In recent years, it is widely used in unloading pump, which can prevent dry grinding and emptying, and is an ideal product for unloading pump in tank area.

性能参数表

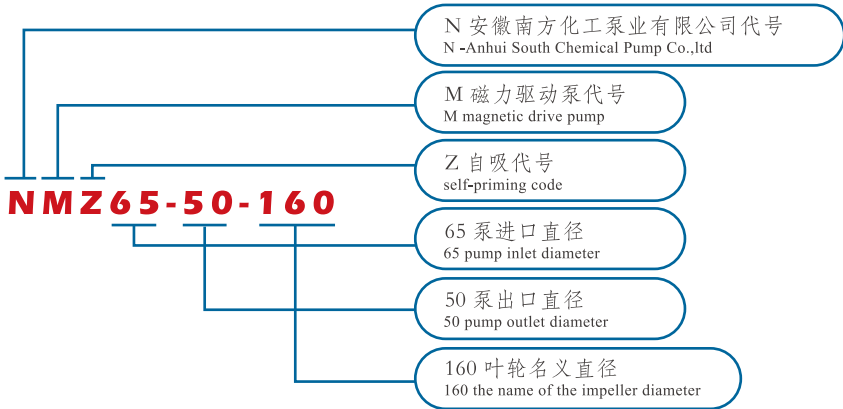
Performance Parameter Table

型 号 Model No	流 量 Flow Capacity (m3/h)	扬程 Pump Head (m)	汽蚀余量 NPSHr	效 率 Efficiency (%)	水轴功率 Water shaft power	电机功率 Motor power	转速 Rotating speed	口径Diameter(mm)	
								进口 Inlet	出口 outlet
32-20-125	3.2	20	2	16%	1.09	1.5	2900	32	20
32-20-160	3.2	32	2	15%	1.86	2.2	2900	32	20
32-32-200	3.2	50	2	12%	3.63	5.5	2900	32	32
40-25-125	6.3	20	2	20%	1.72	2.2	2900	40	25
40-25-160	6.3	32	2	23%	2.39	3	2900	40	25
40-25-200	6.3	50	2	18%	4.77	5.5	2900	40	25
40-32-250	6.3	80	2	13%	10.56	15	2900	40	32
50-32-125	12.5	20	2	27%	2.52	3	2900	50	32
50-32-160	12.5	32	2	28%	3.89	4	2900	50	32
50-32-200	12.5	50	2	30%	5.68	7.5	2900	50	32
50-32-250	12.5	80	2	21%	12.98	18.5	2900	50	32
65-50-125	25	20	2	41%	3.32	4	2900	65	50
65-50-160	25	32	2	36%	6.06	7.5	2900	65	50
65-40-200	25	50	2	32%	10.64	15	2900	65	40
65-40-250	25	80	2	24%	22.71	30	2900	65	40
65-40-315	25	125	2.4	26%	32.75	45	2900	65	40
80-65-125	50	20	2.4	56%	4.87	5.5	2900	80	65
80-65-160	50	32	2.4	44%	9.91	15	2900	80	65
80-50-200	50	50	2.4	44%	15.48	18.5	2900	80	50

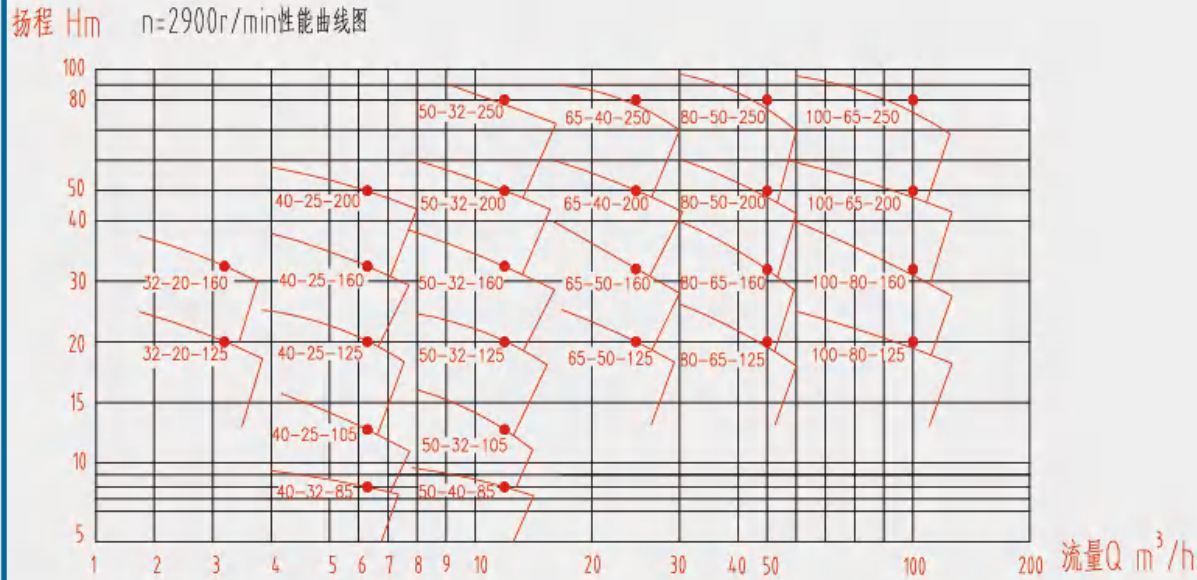
性能参数表
Performance Parameter Table

型号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	汽蚀余量 NPSHr	效率 Efficiency (%)	水轴功率 Water shaft power	电机功率 Motor power	转速 Rotating speed	口径Diameter(mm)	
								进口 Inlet	出口 outlet
80-50-250	50	80	2.4	38%	28.68	37	2900	80	50
80-50-315	50	125	2.4	40%	42.57	55	2900	80	50
100-80-125	100	20	3.2	48%	11.35	15	2900	100	80
100-80-160	100	32	3.2	47%	18.55	22	2900	100	80
100-65-200	100	50	3.2	47%	28.99	37	2900	100	65
100-65-250	100	80	3.2	51%	42.74	55	2900	100	65
100-65-315	100	125	3.2	34%	100.18	110	2900	100	65
125-125-125	140	20	4.5	38%	20.08	22	2900	125	125
125-80-160	160	32	4.5	43%	32.44	37	2900	125	80
125-100-200	200	50	4.5	59%	46.18	55	2900	125	100
125-100-250	200	80	4.5	41%	106.33	110	2900	125	100
150-125-250	200	20	2.8	51%	21.37	22	1450	150	125
150-125-315	200	32	2.8	57%	30.59	37	1450	150	125
150-125-400	200	50	2.8	56%	48.66	55	1450	150	125
200-150-250	400	20	3.2	68%	32.06	37	1450	200	150
200-150-315	400	32	3.5	66%	52.84	75	1450	200	150
200-150-400	400	50	3.8	52%	104.80	110	1450	200	150
250-200-400	600	50	4	47%	173.92	185	1450	250	200

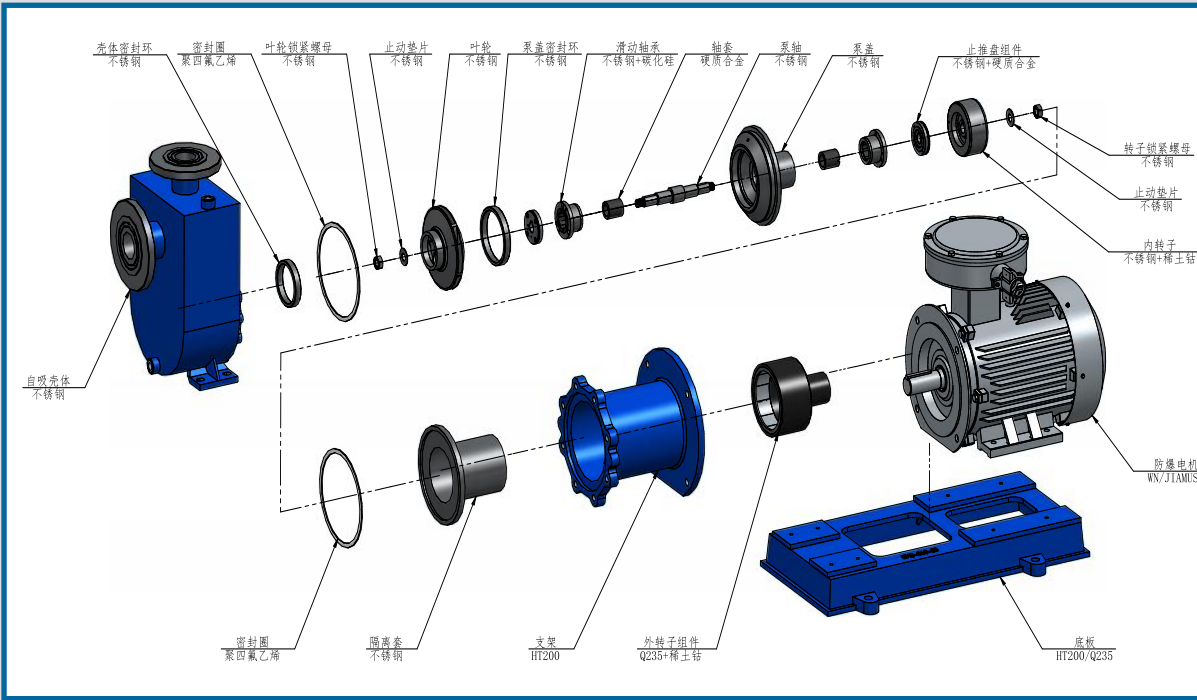
型号意义
Model significance



性能曲线
Performance Curve



三维图及材质结构图
Three dimensional figure and material structure



NQG

不锈钢立式磁力泵

Stainless Steel Vertical Magnetic Pump



工作条件

Working Conditions

口径：25-250mm
工作温度：-40℃-350℃
流量范围：3m³/h-800m³/h
扬程范围：12.5m-130m
材质范围：304、316、316L、904
设计标准：HG/T2730

Pump Diameter : 25mm-250mm
Working Temperature : -40 -350
Flow Capacity Range : 3m³/h-800m³/h
Pump Head Range: 12.5 m -130m
Materials Range : SS304,SS316,SS316L,SS904
Designed Standard : HG/T2730

运用领域

Application Fields

生物医药、石油化工、矿山冶金、纺织印染、电力、食品、造纸、电镀、污水处理、烟气处理、新能源、新材料等行业。

Biological medicine, petrochemical, mining, metallurgy, textile printing and dyeing, electricity, food, papermaking, electroplating, sewage treatment, flue gas treatment, new energy, new materials and other industries.

产品用途

Pump Usage

适用于化学工业领域输送中性或腐蚀性，低温或高温，易燃、易爆、易挥发、有毒、有害及贵重的清洁介质。

Applicable to transport inflammable and explosive volatile, poisonous and harmful, valuable and highly corrosive cleaning medium; Such as any concentration of acid and alkali, salt, solvent, strong oxidizer, etc.

设计说明

Design Instruction

NQG型立式磁力管道泵和NQG-W（保温立式磁力管道泵），是我公司根据现在用户和市场需求，结合市场上现有磁力泵与管道泵的基础上研究开发的新型无泄露磁力泵。结构上综合立式泵占地空间小的优点，因而杜绝了石油化工行业中免不了的跑、冒、滴、漏现象，实现无泄漏。

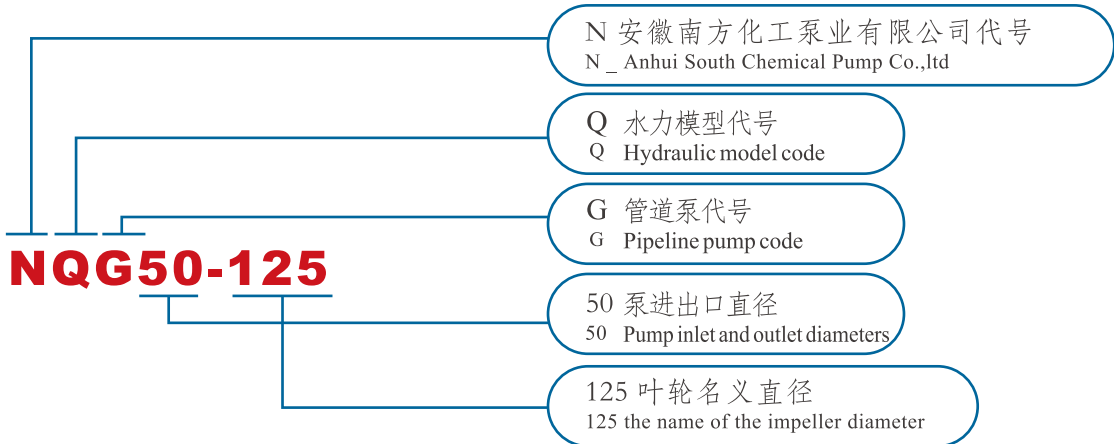
NQG vertical magnetic pipeline pump and NQG-W (thermal insulation vertical magnetic pipeline pump) are new leak-free magnetic pumps developed by our company according to the current user and market demand, combined with the existing magnetic pumps and pipeline pumps in the market. The structure integrates the advantages and characteristics of the small space occupied by the vertical pump, thus eliminating the inevitable phenomena of running, emitting, dripping and leaking in the petrochemical industry and realizing no leakage.

性能参数表

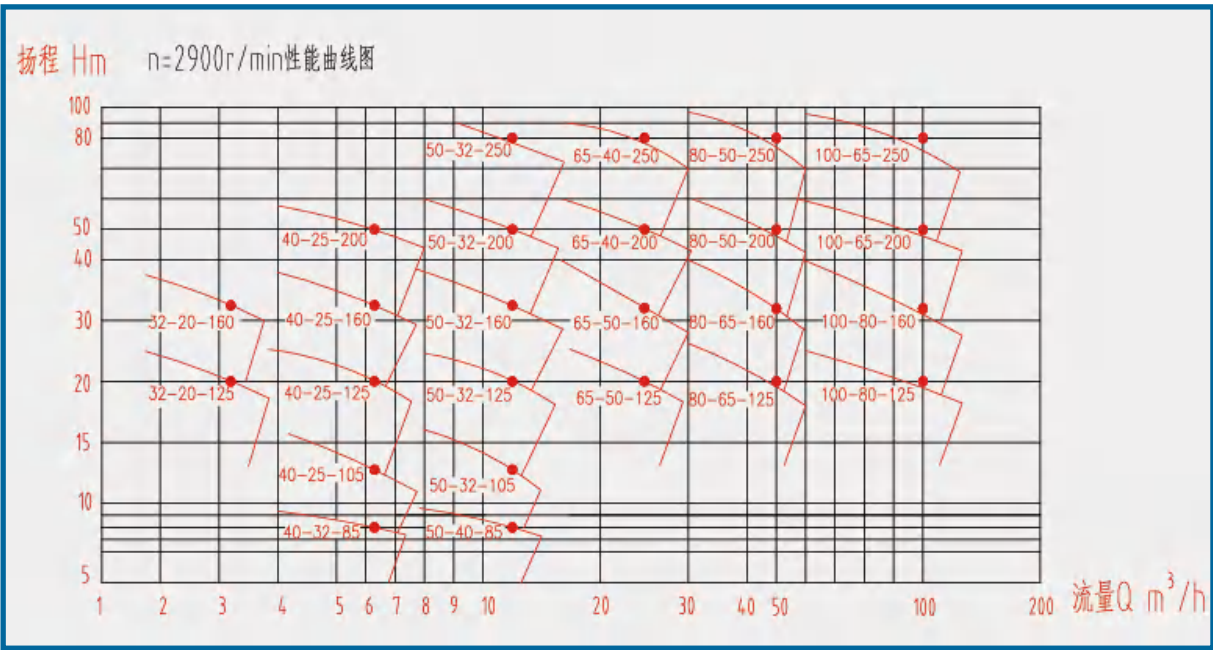
Performance Parameter Table

型号 Model No	流量 Flow Capacity (m³/h)	扬程 Pump Head (m)	汽蚀余量 NPSHr	效率 Efficiency (%)	水轴功率 Water shaft power	电机功率 Motor power	转速 Rotating speed	进出口法兰 DN(mm)
NQG25-160	3.2	32	2.3	19%	1.47	2.2	2900	25
NQG32-125	3.2	20	2.3	14%	1.25	1.5	2900	32
NQG32-160	3.2	32	2.3	12%	2.33	3	2900	32
NQG40-100	6.3	12.5	2.3	35%	0.61	1.1	2900	40
NQG40-125	6.3	20	2.3	25%	1.37	2.2	2900	40
NQG40-160	6.3	32	2.3	18%	3.05	4	2900	40
NQG40-200	6.3	50	2.3	13%	6.60	7.5	2900	40
NQG50-125	12.5	20	2.3	26%	2.62	3	2900	50
NQG50-160	12.5	32	2.3	25%	4.36	5.5	2900	50
NQG50-200	12.5	50	2.3	25%	6.81	7.5	2900	50
NQG65-100	25	12.5	2.5	50%	1.70	2.2	2900	65
NQG65-125	25	20	2.5	35%	3.89	5.5	2900	65
NQG65-160	25	32	2.5	37%	5.89	7.5	2900	65
NQG65-200	25	50	2.5	33%	10.32	15	2900	65
NQG80-125	50	20	3.0	31%	8.79	11	2900	80
NQG80-160	50	32	3.0	38%	11.47	15	2900	80
NQG80-200	50	50	3.0	40%	17.03	18.5	2900	80
NQG100-125	100	20	4.5	49%	11.12	15	2900	100
NQG100-160	100	32	4.5	42%	20.76	22	2900	100
NQG100-200	100	50	4.0	34%	40.07	45	2900	100
NQG100-250	100	80	4.0	44%	49.54	55	2900	100
NQG125-160	160	32	4.0	43%	32.44	37	2900	125
NQG125-200	160	50	4.0	42%	51.90	75	2900	125
NQG200-315(I)	400	32	4.0	55%	63.41	75	1450	200

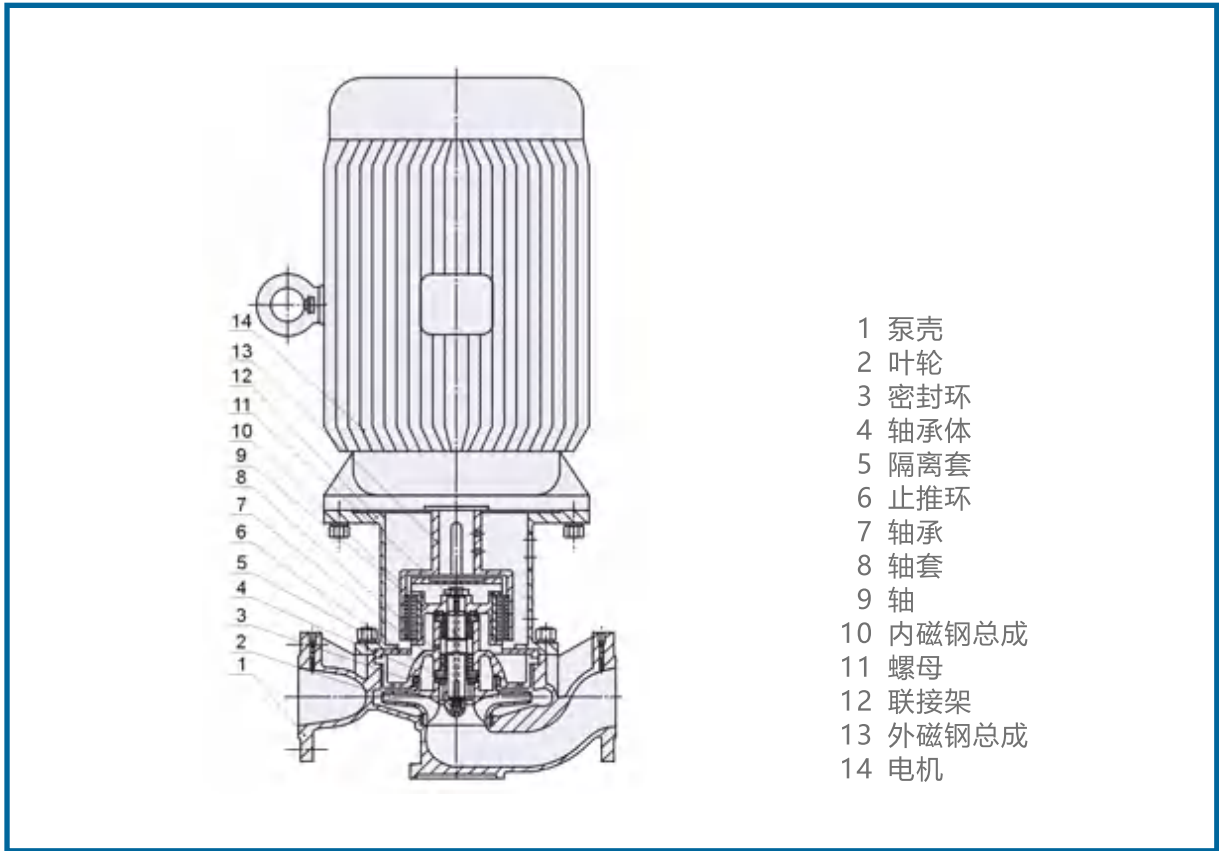
型号意义
Model significance



性能曲线
Performance curve



三维图及材质结构图
Three dimensional figure and material structure





匠心独运之作
泵业工艺精湛

离心泵

Centrifugal pump

国内专业衬氟离心泵生产基地

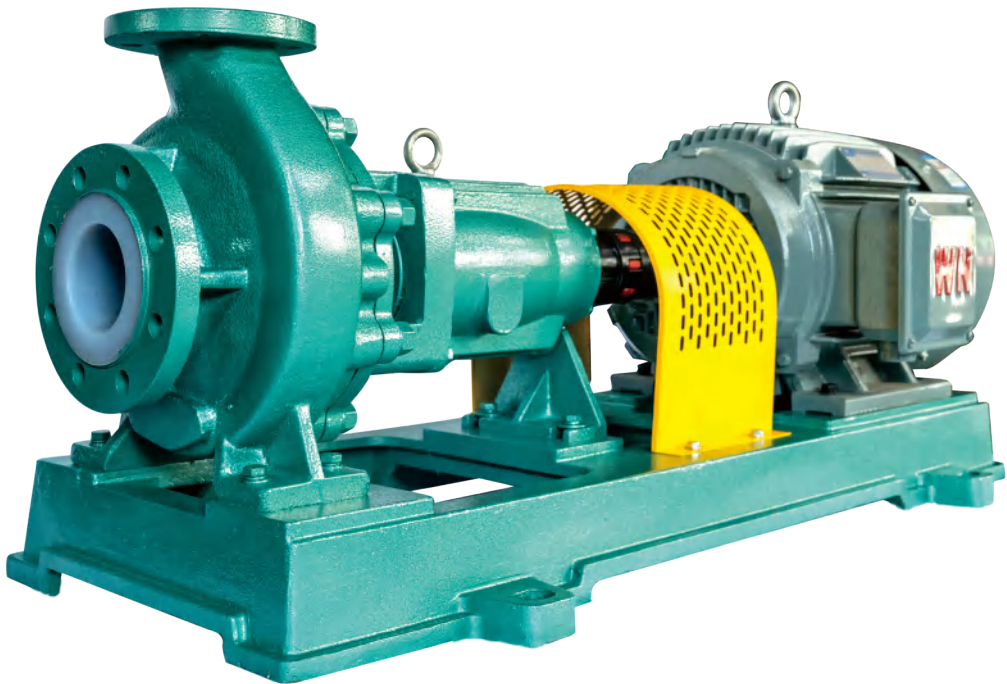
The professional Mass-Production Base of Fluorine Plastic Lining Centrifugal Pump in Domestic of China.



IHF

单级单吸衬氟化工离心泵

Single Stage Single Suction Lining Fluorine Plastic
Chemical Centrifugal Pump



工作条件

Working Conditions

口径：25-400mm
工作温度：-20℃-180℃
流量范围：1.6-2600m³/h
扬程范围：5m-130m
材质范围：内衬F46、PFA
设计标准：GB/T9969.1 ISO5828
HG/T3183

Pump Diameter : 25mm- 400mm
Working Temperature :-20 -180
Flow Capacity Range : 1.6 m³/h-2600m³/h
Pump Head Range: 5 m -130 m
Materials Range : Lining FEP(F46) ,PFA
Designed Standard : GB/T9969.1 ISO5828
HG/T3183

运用领域

Application Fields

生物医药、石油化工、矿山冶金、纺织印染、电力、食品、造纸、电镀、污水处理、烟气处理、新能源、新材料等行业。

Biological medicine, petrochemical, mining, metallurgy, textile printing and dyeing, electricity, food, papermaking, electroplating, sewage treatment, flue gas treatment, new energy, new materials and other industries.

产品用途

Pump Usage

输送不同浓度的硫酸、盐酸、硝酸、王水、氢氟酸、强碱、强氧化剂、还原剂、含氯离子等强腐蚀性的介质。可以耐不锈钢不足以抵抗其腐蚀的一切介质，代替昂贵的钛合金、蒙乃尔合金等材料制成的泵。

Conveying different concentrations of sulfuric acid, hydrochloric acid, nitric acid and aqua regia, hydrofluoric acid, strong alkali, strong oxidizer, reductant, strong corrosive medium such as chlorine ion. Can be resistant to all stainless steel to resist corrosion medium, instead of the expensive titanium alloy, monel

设计说明

Design Instruction

IHF 单级单吸卧式氟塑料离心泵是按国际标准并结合非金属泵的工艺设计制造。泵体采用金属外壳内衬聚全氟乙烯(F46、PFA)，泵盖、叶轮和轴套均用金属嵌件外包氟塑料整体烧结压制而成，轴封采用外装式先进的波纹管机械密封，静环选用 99.9% 氧化铝陶瓷(或碳化硅)，动环采用四氟填充材料，其耐腐耐磨密封性极好。泵的进出口均采用铸钢体加固，以增强了泵的承温和承压性能。实际使用显示，该泵具有耐腐、耐磨、耐高温、不老化、机械强度高、运转平稳、结构先进合理、密封性能严格可靠、拆卸检修方便、使用寿命长等优点。

IHF single-stage single-suction horizontal fluorine plastic centrifugal pump is according to the international standard and combined with non-metallic pump design and manufacturing process. Pump body adopts metal shell lining fep (F46, PFA), pump cover, impeller and shaft sleeve are fluorine plastic with metal insert outsourcing whole sintering suppression and become, shaft seal mounted outside using advanced bellows mechanical seal, static choose 99.9% alumina or silicon carbide rings, ring with four fluorine filling materials, its excellent corrosion resistant seal. Import and export of pump adopts cast steel reinforcement, in order to enhance the bearing gentle pressure on the performance of the pump. Practical use shows that the pump has corrosion resistance, abrasion resistance, high temperature resistant, not aging, high mechanical strength, smooth operation, reasonable structure, advanced, sealed performance is reliable, easy disassembly maintenance, long service life .

性能参数表

Performance parameters of the table

型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效率 Efficiency (%)	汽蚀 余量 NPSHr (m)	口径Diameter(mm)	
							进口 Inlet	出口 outlet
IHF40-25-125	4	23	1.5	2900	32%	2.5	40	25
	6	20						
	8	18.5						
	2	5.5	0.55	1450	28%	2.5		
	3	5						
	4	4.5						
IHF40-25-160	4	34	2.2	2900	30%	3		
	6	32						
	8	28						
	2	9	0.55	1450	24%	3		
	3	8						
	4	7						
IHF40-25-200	4	52	4	2900	26%	3		
	6	50						
	8	48						
	2	13.5	0.75	1450	22%	3		
	3	12.5						
	4	12						

型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效率 Efficiency (%)	汽蚀 余量 NPSH _r (m)	口径Diameter(mm)								
							进口 Inlet	出口 outlet							
IHF40-25-250	4	82	7.5	2900	22%	4.5	40	25							
	6	80													
	8	78													
	2	20.5	1.5	1450	20%	4.5									
	3	20													
	4	19.5													
IHF50-32-125	10	23	2.2	2900	51%	3	50	32							
	12.5	20													
	15	18.5													
	5	5.5	0.55	1450	46%	3									
	6.3	5													
	8	4.5													
IHF50-32-160	10	34	4	2900	41%	3									
	12.5	32													
	15	28													
	5	9	0.55	1450	37%	3									
	6.3	8													
	8	7													
IHF50-32-200	8	52	7.5	2900	36%	3									
	12.5	50													
	17	48													
	5	13.5	1.1	1450	30%	3									
	6.3	12.5													
	8	12													
IHF50-32-250	10	82	15	2900	30%	4.5									
	12.5	80													
	15	78													
	5	20.5	1.5	1450	26%	4.5									
	6.3	20													
	8	19.5													
IHF65-50-125	15	23	3	2950	58%	3.5	65	50							
	25	20													
	30	18.5													
	7.5	5.5	0.55	1450	52%	3.5									
	12.5	5													
	15	4.5													

型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效率 Efficiency (%)	汽蚀 余量 NPSHr (m)	口径Diameter(mm)		
							进口 Inlet	出口 outlet	
IHF65-50-160	15	34	5.5	2900	50%	3.5	65	50	
	25	32							
	30	28							
	7.5	9	1.1	1450	45%	3.5			
	12.5	8							
	15	7							
IHF65-40-200	15	52	11	2900	46%	3.5		40	
	25	50							
	30	48							
	7.5	13.5	1.5	1450	40%	3.5			
	12.5	12.5							
	15	12							
IHF65-40-250	15	82	18.5	2900	43%	3.5			
	25	80							
	30	78							
	7.5	20.5	3	1450	39%	3.5			
	12.5	20							
	15	19.5							
IHF80-65-125	40	23	7.5	2900	48%	4	80	65	
	50	20							
	60	18.5							
	15	5.5	1.1	1450	43%	4			
	25	5							
	30	4.5							
IHF80-65-160	40	34	11	2900	61%	4			
	50	32							
	60	28							
	15	9	1.5	1450	56%	4			
	25	8							
	30	7							
IHF80-50-200	35	52	15	2900	63%	4		50	
	50	50							
	60	48							
	15	13.5	2.2	1450	57%	4			
	25	12.5							
	30	12							



型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效率 Efficiency (%)	汽蚀 余量 NPSH _r (m)	口径Diameter(mm)	
							进口 Inlet	出口 outlet
IHF80-50-250	35	82	30	2900	49%	4.5	80	50
	50	80						
	60	78						
	15	20.5	5.5	1450	46%	4.5		
	25	20						
	30	19.5						
IHF80-50-315	40	127	45	2900	42%	5		
	50	125						
	60	120						
	15	34	11	1450	35%	5		
	25	32						
	30	30						
IHF100-80-125	80	22	15	2900	54%	4.5	100	80
	100	20						
	120	18.5						
	40	5.5	2.2	1450	50%	4.5		
	50	5						
	60	4.5						
IHF100-80-160	80	34	18.5	2900	67%	4.5		
	100	32						
	120	28						
	40	9	2.2	1450	63%	4.5		
	50	8						
	60	7						
IHF100-65-200	80	52	30	2900	70%	4.5	65	
	100	50						
	120	48						
	40	13.5	5.5	1450	66%	4.5		
	50	12.5						
	60	12						
IHF100-65-250	70	82	45	2900	65%	5		
	100	80						
	120	78						
	40	20.5	7.5	1450	62%	5		
	50	20						
	60	19.5						

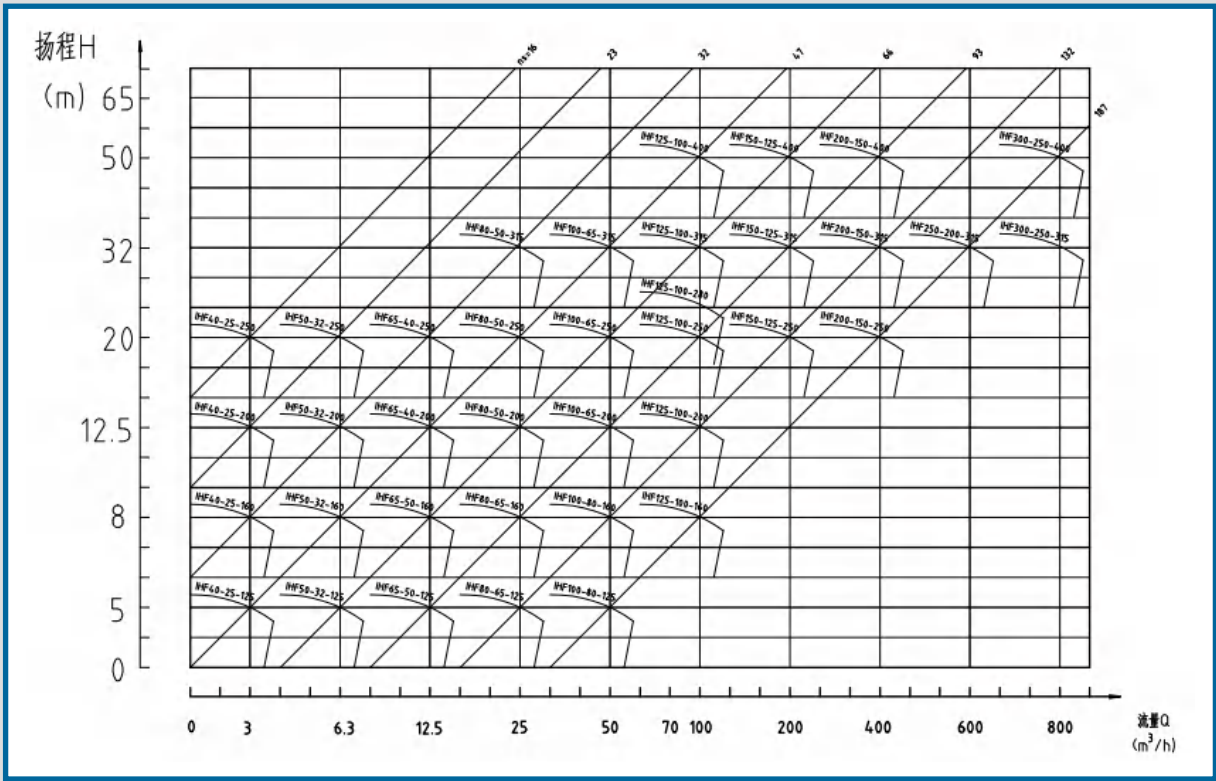
型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效率 Efficiency (%)	汽蚀 余量 NPSHr (m)	口径Diameter(mm)				
							进口 Inlet	出口 outlet			
IHF100-65-315	70	127	75	2900	50%	5.2	100	65			
	100	125									
	120	123									
	40	34	15	1450	46%						
	50	32									
	60	30									
IHF125-100-160	130	34	30	2900	61%	5	125	100			
	150	32									
	170	28									
	65	9	4	1450	56%	5					
	75	8									
	85	7									
IHF125-100-200	130	52	45	2900	63%	5		125			
	150	50									
	170	48									
	65	13.5	11	1450	55%	5					
	75	12.5									
	85	12									
IHF125-100-280	150	102	110	2900	60%	6	125			100	
	200	100									
	240	96									
	80	27	18.5	1450	56%	6					
	100	25									
	120	23									
IHF125-100-315	80	34	18.5	1450	60%	5.5			125		
	100	32									
	120	30									



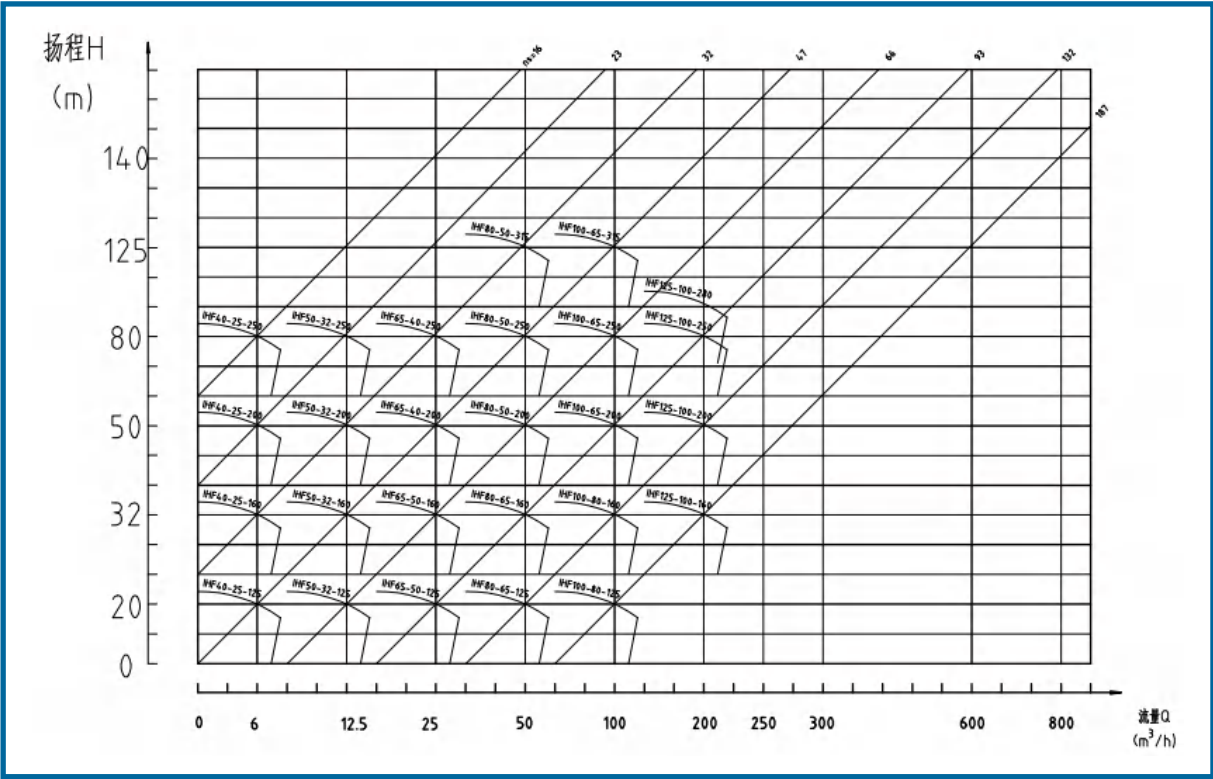
型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效率 Efficiency (%)	汽蚀 余量 NPSHr (m)	口径Diameter(mm)							
							进口 Inlet	出口 outlet						
IHF125-100-400	80	53	30	1450	65%	6	125	100						
	100	50												
	120	48												
IHF150-125-250	150	20.5	22	1450	60%	5	150	125						
	200	20												
	240	18												
IHF150-125-315	150	34	30	1450	70%	5.5	150	125						
	200	32												
	240	30												
IHF150-125-400	150	52	55	1450	65%				5.5	150	125			
	200	50												
	240	48												
IHF200-150-250	250	21	45	1450	58%							6	200	150
	400	20												
	480	18												
IHF200-150-315	250	34	75	1450	60%	6	200	150						
	400	32												
	480	30												
IHF200-150-400	250	52	90	1450	67%	6.5			200	150				
	400	50												
	480	48												
IHF250-200-315	400	34	90	1450	75%	6.5					250	200		
	600	32												
	700	28												
IHF250-200-400	400	53	132	1450	68%	6.5	250	200						
	600	50												
	700	47												

型 号 Model No	流量	扬程	电机功率	转速	效率	汽蚀 余量	口径Diameter(mm)			
	Flow Capacity (m3/h)	Pump Head (m)	Motor Power (KW)	Rotating Speed (r/min)	Efficiency (%)	NPSHr (m)	进口 Inlet	出口 outlet		
IHF300-250-315	800	34	160	1450	80%	7	300	250		
	950	32								
	1100	30								
IHF300-250-400	800	53	185	1450	77%	7			300	250
	980	50								
	1100	47								
IHF400-350-600	2000	32	355	980	65%	6	400	350		
IHF550-500-800	3600	36	710	750	65%	5	550	500		

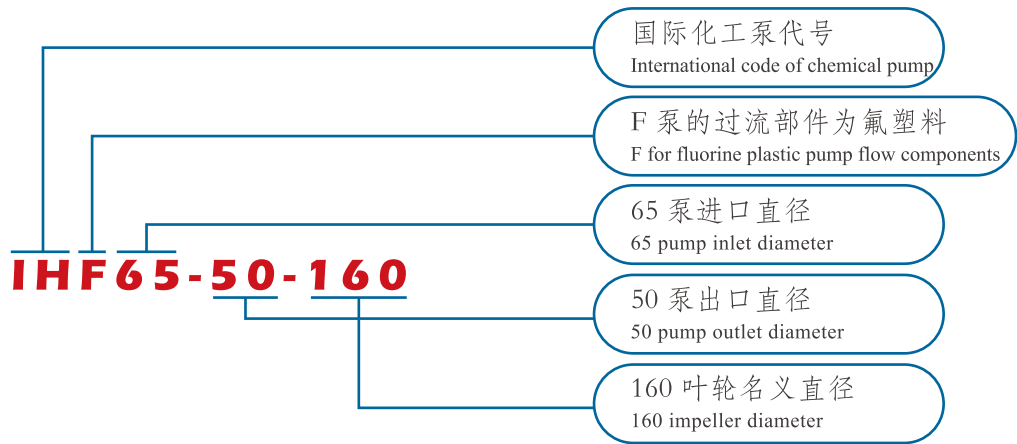
性能曲线
Performance Curve



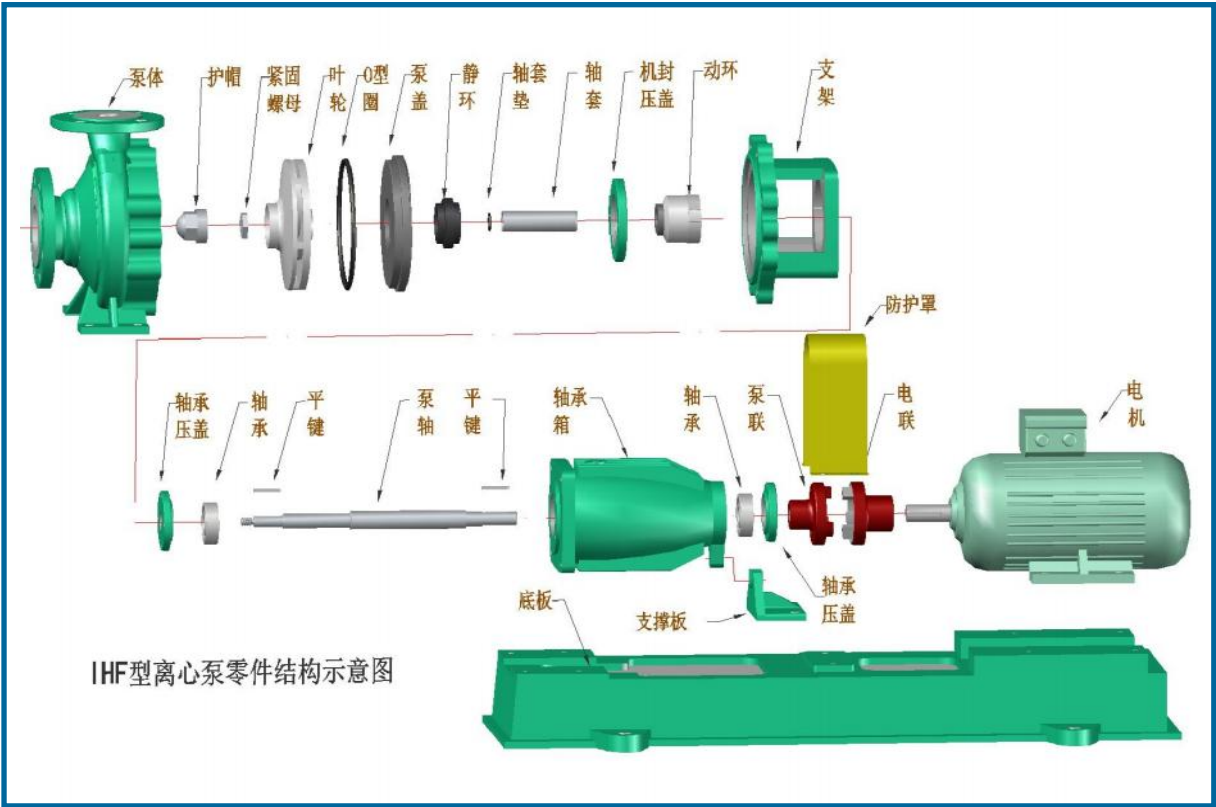
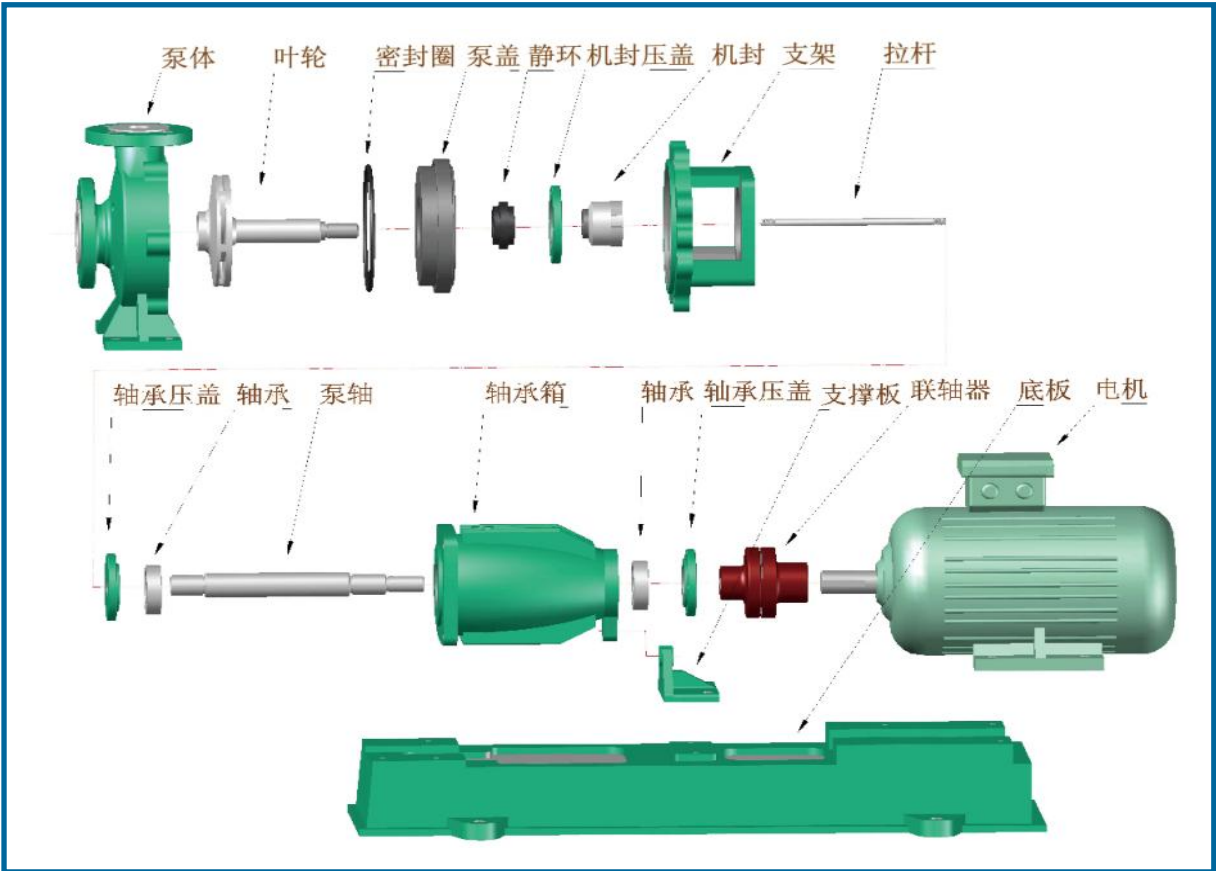
性能曲线
Performance Curve



型号意义
Model significance



三维图及材质结构图
Three dimensional figure and material structure



FSB

氟塑料合金离心泵

Fluoroplastic Alloy Centrifugal Pump



工作条件

Working Conditions

口径：25-100mm
工作温度：-20℃-180℃
流量范围：2-125m³/h
扬程范围：15m-55m
材质范围：F46、超高分子量聚乙烯
设计标准：GB/T 5662, ISO2858, EN733 / DIN24255
Pump Diameter : 25mm- 100mm
Working Temperature :-20 ℃ -180 ℃
Flow Capacity Range : 2m³/h-125m³ /h
Pump Head Range: 15m -55 m
Materials Range : FEP(F46) ,UHMW-PE
Designed Standard : GB/T 5662 , ISO2858 , EN733 / DIN24255

运用领域

Application Fields

生物医药、石油化工、矿山冶金、纺织印染、电力、食品、造纸、电镀、污水处理、烟气处理、新能源、新材料等行业。
Biological medicine, petrochemical, mining, metallurgy, textile printing and dyeing, electricity, food, papermaking, electroplating, sewage treatment, flue gas treatment, new energy, new materials and other industries.

产品用途

Pump Usage

输送不同浓度的硫酸、盐酸、硝酸、王水、氢氟酸、强碱、强氧化剂、还原剂、含氯离子等强腐蚀性的介质。可以耐不锈钢不足以抵抗其腐蚀的一切介质，代替昂贵的钛合金、蒙乃尔合金等材料制成的泵。
Conveying different concentrations of sulfuric acid, hydrochloric acid, nitric acid and aqua regia, hydrofluoric acid, strong alkali, strong oxidizer, reductant, strong corrosive medium such as chlorine ion. Can be resistant to all stainless steel to resist corrosion medium, instead of the expensive titanium alloy, monel alloy material, such as pump.

设计说明

Design Instruction

FSB 氟塑料合金离心泵是采用特种泵工艺加工制造，泵体、叶轮、泵盖采用金属嵌件外包氟塑料经高温模压而成，密封采用可调四氟波纹管机械密封。该系列分为长支架与短支架两种结构形式，设计合理，结构经凑，操作简单，维修方便等优点。

The FSB fluorine plastic alloy centrifugal pump is to use special pump manufacturing and processing technology, pump body, impeller, pump cover is made of metal insert outsourcing fluorine plastic after high temperature moulding, sealing adopts adjustable PTFE bellows mechanical seal. Stents and short the series is divided into two kinds of structure forms, reasonable design, by the pool structure, simple operation, convenient maintenance, etc.

性能参数表

Performance parameters of the table

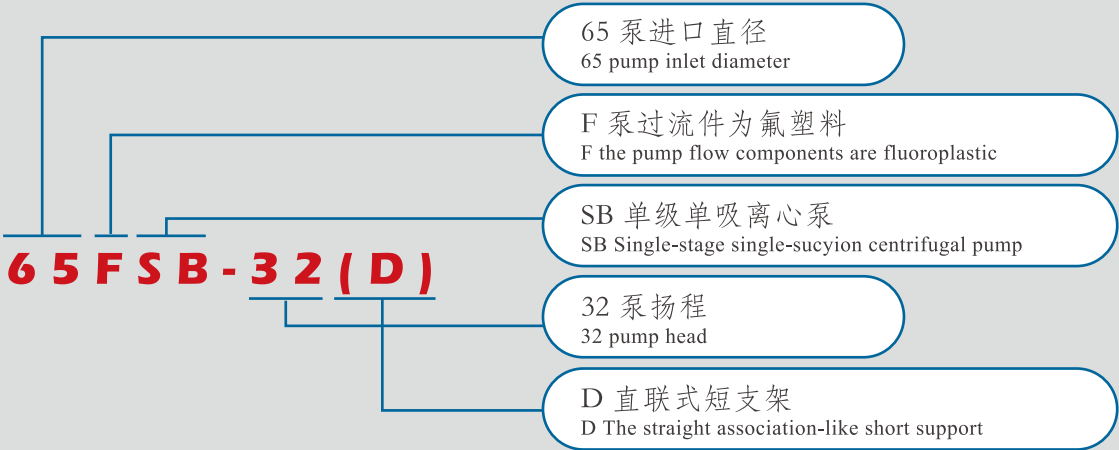
型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效率 Efficiency (%)	汽蚀 余量 NPSHr (m)	口径Diameter(mm)	
							进口 Inlet	出口 outlet
25FSB-18	1.8	20	1.5	2900	18	3	25	25
	3.6	18			25	3		
	5	15			21	3		
25FSB-25	2	26	1.5	2900	25	3	25	25
	3.6	25			36	3		
	5	23			38	3		
40FSB-15	3.5	15	3	2900	21	3	40	32
	5	15			26	3		
	8	10			18	3		
40FSB-20	6	23	3	2900	30	3	40	32
	10	20			42	3		
	12	17			38	3		
40FSB-30	6	32	3	2900	22	3	40	32
	10	30			31	3		
	12	28			32	3		
50FSB-20	8	21	3	2900	40	3	50	32
	12.5	20			52	3		
	15	18			52	3		
50FSB-25	8	26	3	2900	38	3	50	32
	12.5	25			48	3		
	15	22			48	3		
50FSB-30	8	32	3	2900	35	3	50	32
	12.5	30			46	3		
	15	28			46	3		

型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效率 Efficiency (%)	汽蚀 余量 NPSHr (m)	口径Diameter(mm)	
							进口 Inlet	出口 outlet
65FSB-20	15	21	4	2900	32	3	65	50
	25	20			43			
	30	18			46			
65FSB-32	15	34	5.5	2900	42	3	65	50
	25	32			56			
	30	28			58			
80FSB-20	35	22	5.5	2900	55	3	80	65
	50	20			65			
	60	17			63			
80FSB-30	35	34	7.5	2900	58	3.5	80	65
	50	32			64			
	60	28			60			
80FSB-40	35	42	11	2900	53	3.5	80	65
	50	40			63			
	60	36			60			
80FSB-50	35	52	15	2900	55	3.5	80	65
	50	50			63			
	60	45			55			
80FSB-55	35	56	18.5	2900	50	4	80	65
	50	55			60			
	60	48			55			
100FSB-32	80	34	15	2900	65	3.5	100	80
	100	32			70			
	121	28			65			
40FSB-15 (D)	3.5	15	3	2900	21	3	40	32
	5	15			26			
	8	10			18			
40FSB-20 (D)	6	23	3	2900	30	3	40	32
	10	20			42			
	12	17			38			
40FSB-30 (D)	6	32	3	2900	22	3	40	32
	10	30			31			
	12	28			32			

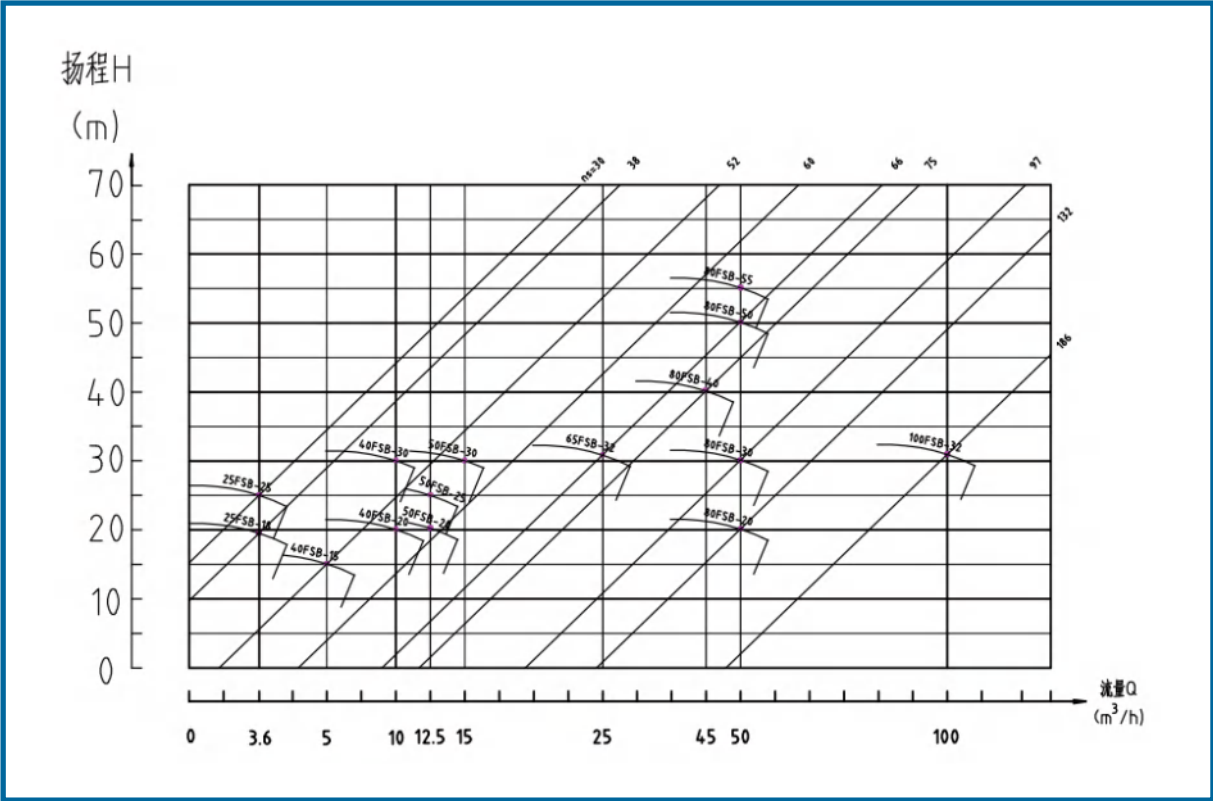
型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效率 Efficiency (%)	汽蚀 余量 NPSHr (m)	口径Diameter(mm)	
							进口 Inlet	出口 outlet
50FSB-20 (D)	8	21	3	2900	40	3	50	32
	12.5	20			52			
	15	18			52			
50FSB-25 (D)	8	26	3	2900	38	3.5	50	32
	12.5	25			48			
	15	22			48			
50FSB-30 (D)	8	32	3	2900	35	3.5	50	32
	12.5	30			46			
	15	28			46			
65FSB-32 (D)	15	34	5.5	2900	42	3.5	65	50
	25	32			56			
	30	28			58			
80FSB-20 (D)	35	22	5.5	2900	55	3.5	80	65
	50	20			65			
	60	17			63			
80FSB-30 (D)	35	34	7.5	2900	58	3.5	80	65
	50	32			64			
	60	28			60			



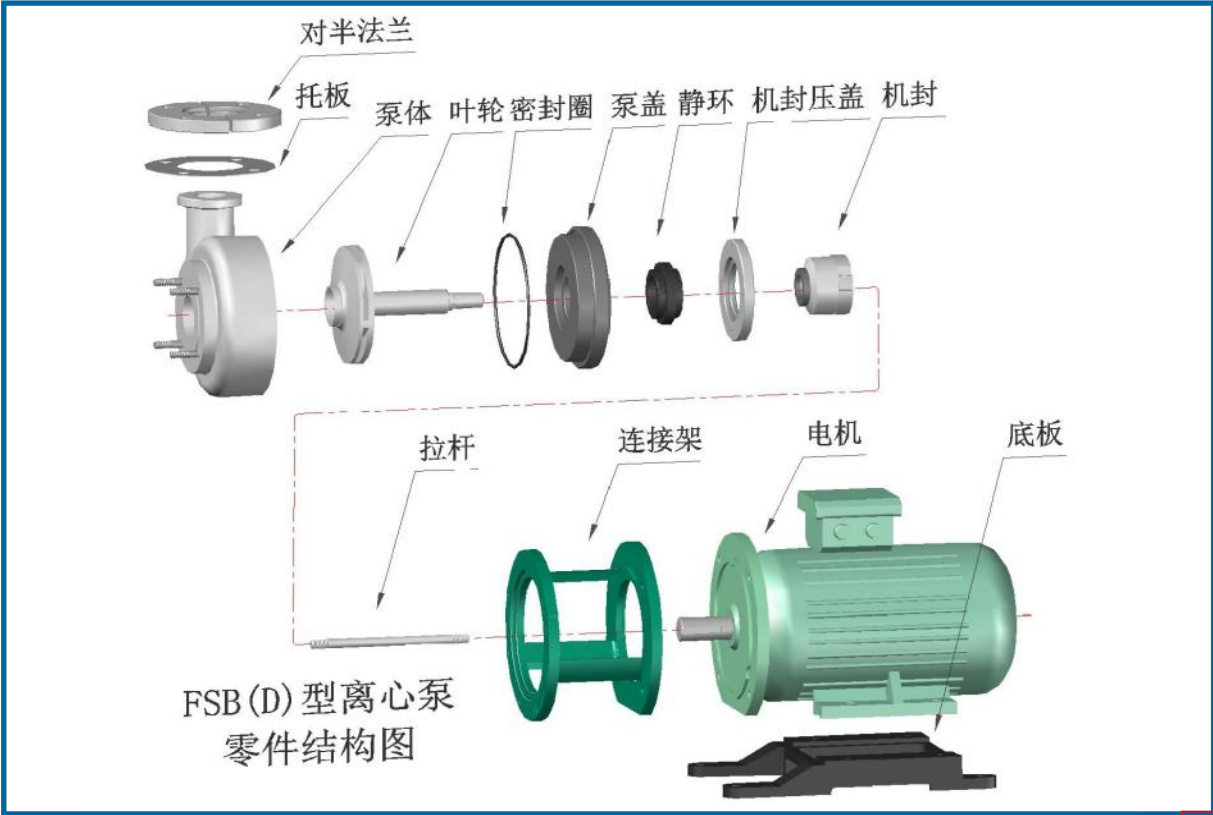
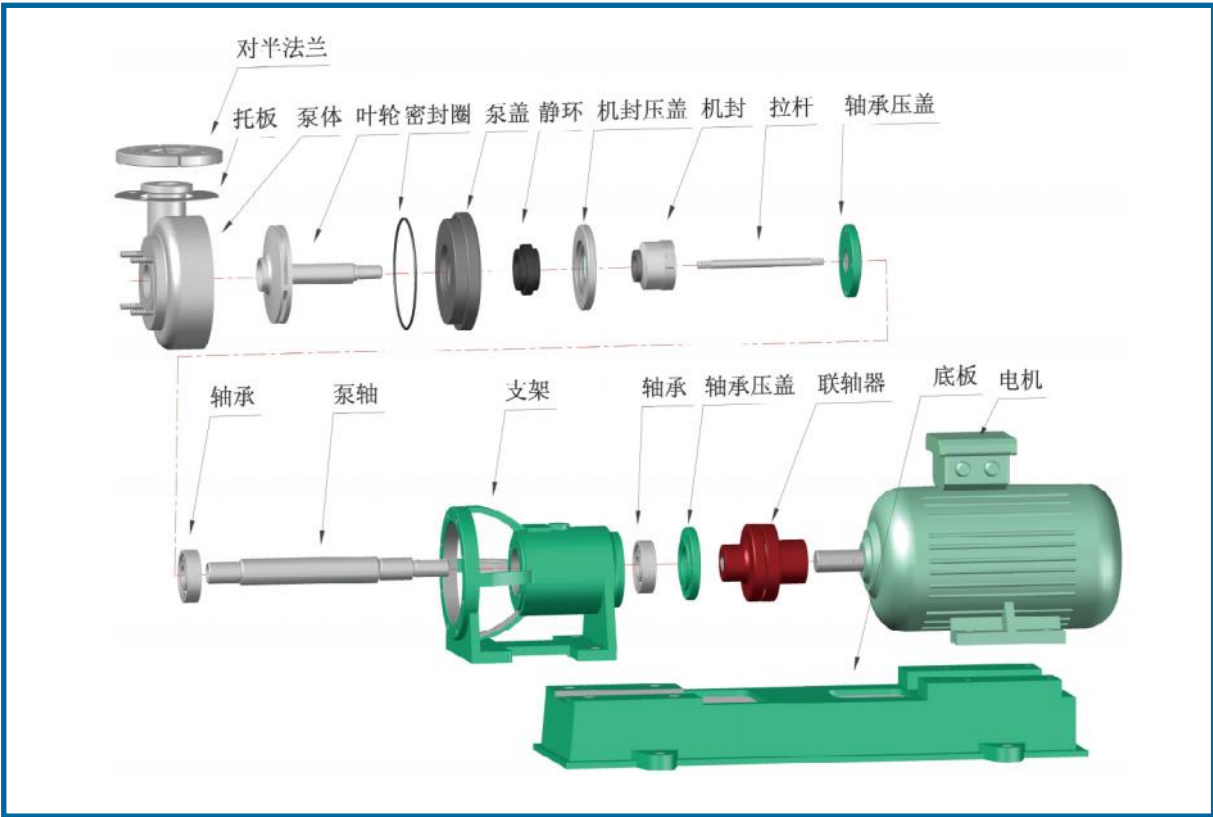
型号意义
Model significance



性能曲线
Performance Curve

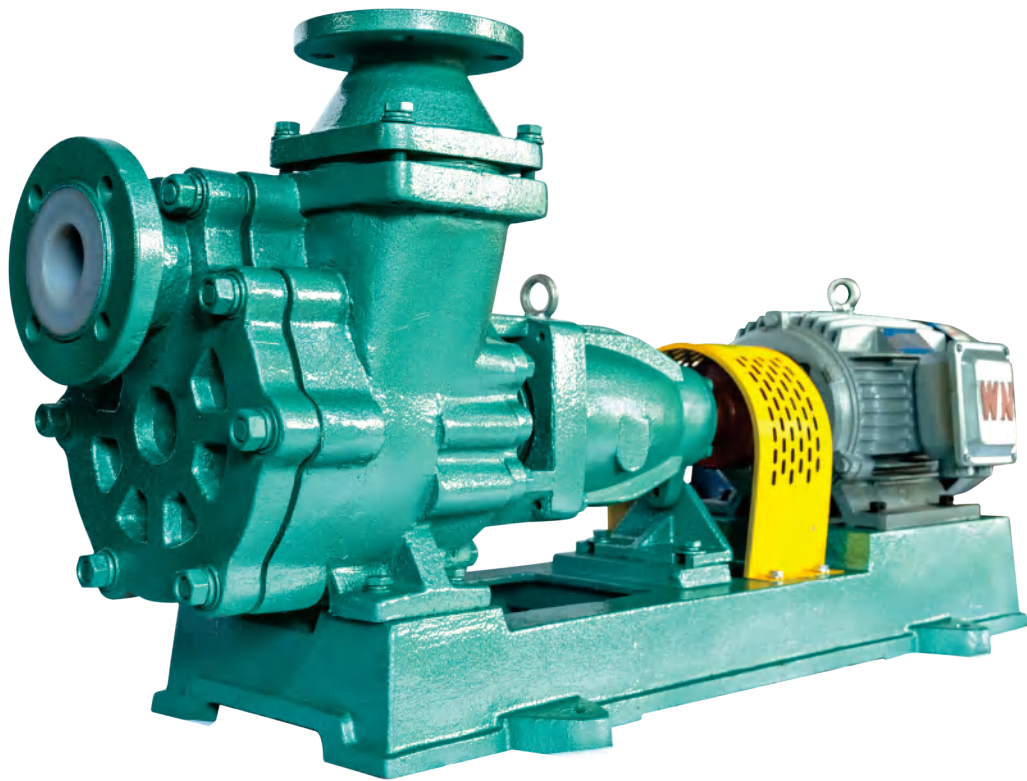


三维图及材质结构图
Three dimensional figure and material structure



FZB 衬氟自吸泵

FZB Fluorine Plastic Lining Self-Priming Centrifugal Pump



工作条件 Working Conditions

口径：25-100mm
工作温度：-20℃-150℃
流量范围：2.5m³/h-100m³/h
扬程范围：15m-50m
材质范围：内衬F46、PFA
设计标准：GB/T5662, ISO2858, EN733/ DIN24255

Pump Diameter : 25-100mm
Working Temperature : -20-150 °C
Flow Capacity Range : 2.5m³/h -100m³/h
Pump Head Range : 15m - 150m
Materials Range : Lining F46/ PFA
Designed Standard : GB/T5662, ISO2858, EN733/ DIN24255

运用领域 Application Field

生物医药、石油化工、矿山冶金、纺织印染、电力、食品、造纸、电镀、污水处理、烟气处理、新能源、新材料等行业。

Biological medicine, petrochemical, mining, metallurgy, textile printing and dyeing, electricity, food, papermaking, electroplating, sewage treatment, flue gas treatment, new energy, new materials and other industries.

产品用途 Pump Usage

适用于化学工业领域液位低于泵吸入口的工艺，输送中性或腐蚀性，低温或高温(150℃)，固体颗粒物含量低于 5% 的液体。可以耐不锈钢不足以抵抗其腐蚀的一切介质，代替昂贵的钛合金、蒙乃尔合金等材料制成的泵。

Suitable for chemical industry level below the pump suction process, neutral or corrosive, low or high temperature (150 °C), liquid solid particles content lower than 5%. Can be resistant to all stainless steel to resist corrosion medium, instead of the expensive titanium alloy, monel alloy material, such as pump.

设计说明 Design Instruction

FZB 系列氟塑料自吸泵是我公司在运用 IHF 衬氟离心泵的衬氟工艺，在传统的 ZX、ZW 自吸离心泵的基础上改进而成的新一代耐腐蚀自吸离心泵，性能上保留了 ZX、ZW 自吸功能，衬氟工艺又大大提高了其抗腐蚀性能。法兰设计符合国家标准，轴封采用外装式先进的波纹管机械密封，自吸高度可达 4 米，加装单向底阀还能提高 1-3 米。该泵终身仅需在第一次使用前灌满液体即可使用。液位低于 1.5 米时其相比液下泵具有造价经济、维护方便、寿命长和运行成本低的优势。

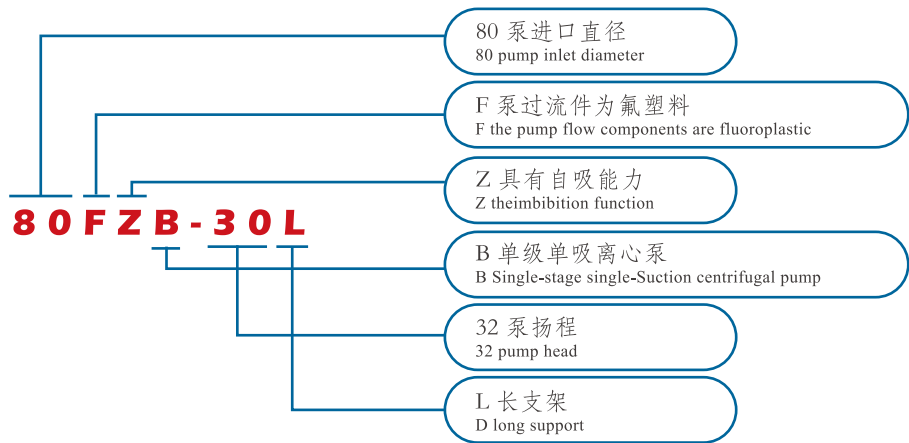
FZB Series Fluorine Plastic Self-Priming Centrifugal Pump is our company Improved latest anti -corrosive product base on Traditional ZX ,ZW Self-priming Centrifugal Pump by apply our IHF Lining Fluorine Plastic Centrifugal Pump . It is not only retained ZX ,ZW Series Self-priming function performance , But also increase this pump anti -corrosive performance . Designed flange conform to international standard . Shaft seal using outside amounted advanced bellows mechanical seal .self-priming height of 4 meters. If this pump equipped with non-return foot valve , it also can improve to 1- 3 meters. This pump is only need fill liquids to pump shell in first time. When liquids level bellows 1.5meter . It is best to choose this pump to replace submersible pump with high advantage of cost economic , convenient maintenance and long service life and low operating cost.

性能参数表 Performance parameters of the table

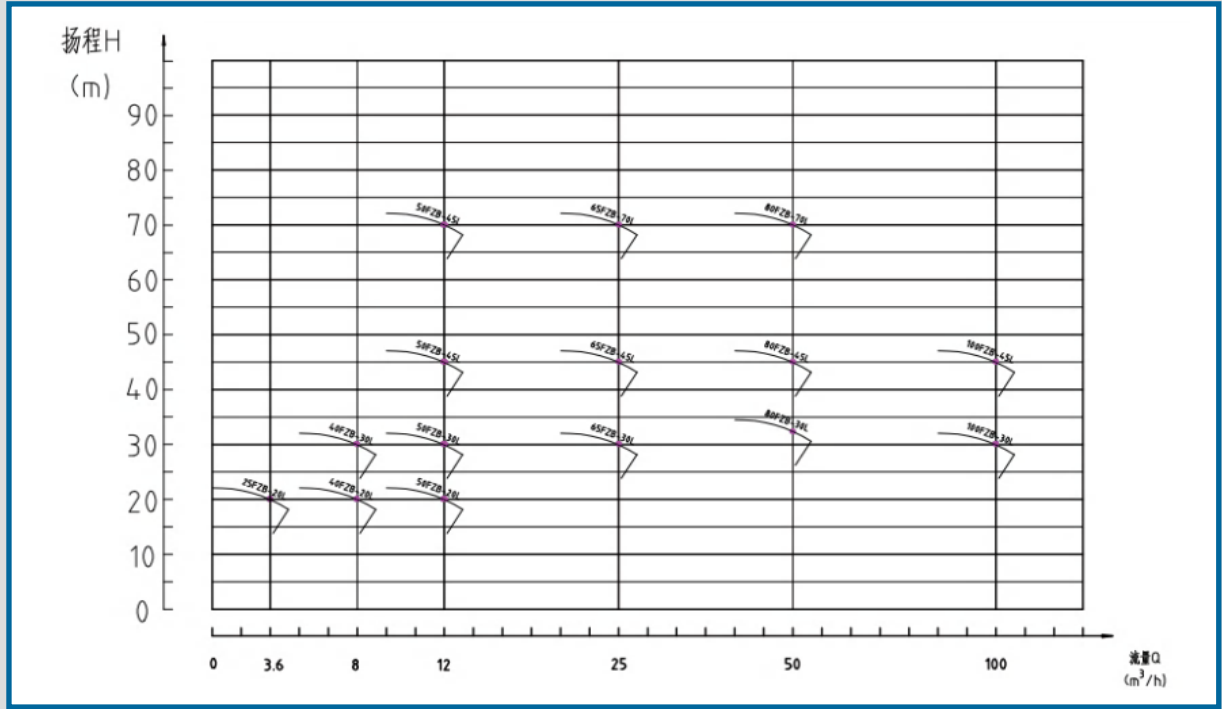
型 号 Model No	流量 Flow Capacity (m³/h)	扬程 Pump Head (m)	电机功率 Motor Horsepower (KW)	转速 Rotating Speed (r/min)	自吸高度 Self-Priming Height(m)	自吸时间 elf-Priming Time(s)	效 率 Efficiency (%)	汽蚀余量 NPSHr (m)	口径Diameter(mm)	
									进口 Inlet	出口 Outlet
25FZB-20LP	1.5	19	2.2	2900	0.7	180	10	3	25	25
	3.6	18					20			
	6	16					25			
40FZB-20P	5	22	3	2900	1	180	35	3	40	50
	8	20					42			
	12	17					46			
40FZB-30L	5	32	4	2900	3	150	34	3.5	40	50
	8	30					48			
	12	28					45			
50FZB-20P	8	22	3	2900	1	180	35	3	50	50
	12	20					42			
	15	17					40			
50FZB-30L	8	32	4	2900	3	150	24	3.5	50	50
	12	30					29			
	15	28					30			
50FZB-45L	8	47	7.5	2900	3	150	24	3.5	50	40
	12	45					35			
	15	43					32			
50FZB-70L	8	72	15	2900	3	150	20	4	50	32
	12	70					26			
	15	68					23			

型号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	电机功率 Motor Horsepower (KW)	转速 Rotating Speed (r/min)	自吸高度 Self-Priming Height(m)	自吸时间 Self-Priming Time(s)	效率 Efficiency (%)	汽蚀余量 NPSHr (m)	口径Diameter(mm)	
									进口 Inlet	出口 Outlet
65FZB-30L	15	32	7.5	2900	3	200	37	4	65	50
	25	30					42			
	35	27					41			
65FZB-45L	15	47	11	2900	3	180	30	4	65	40
	25	45					42			
	35	38					44			
65FZB-70L	15	72	22	2900	3	180	30	4	65	40
	25	70					41			
	35	65					42			
80FZB-30L	35	35	11	2900	3.5	180	51	4.5	80	65
	50	32					63			
	60	28					56			
80FZB-45L	35	47	15	2900	3.5	200	45	4.5	80	65
	50	45					53			
	60	42					48			
80FZB-70L	35	72	30	2900	3.5	250	45	5	80	50
	50	70					50			
	60	65					43			
100FZB-30L	65	32	18.5	2900	3.5	200	56	6	100	80
	100	30					80			
	110	28					64			
100FZB-45L	65	46	30	2900	4	250	48	6	100	80
	100	45					55			
	110	40					48			

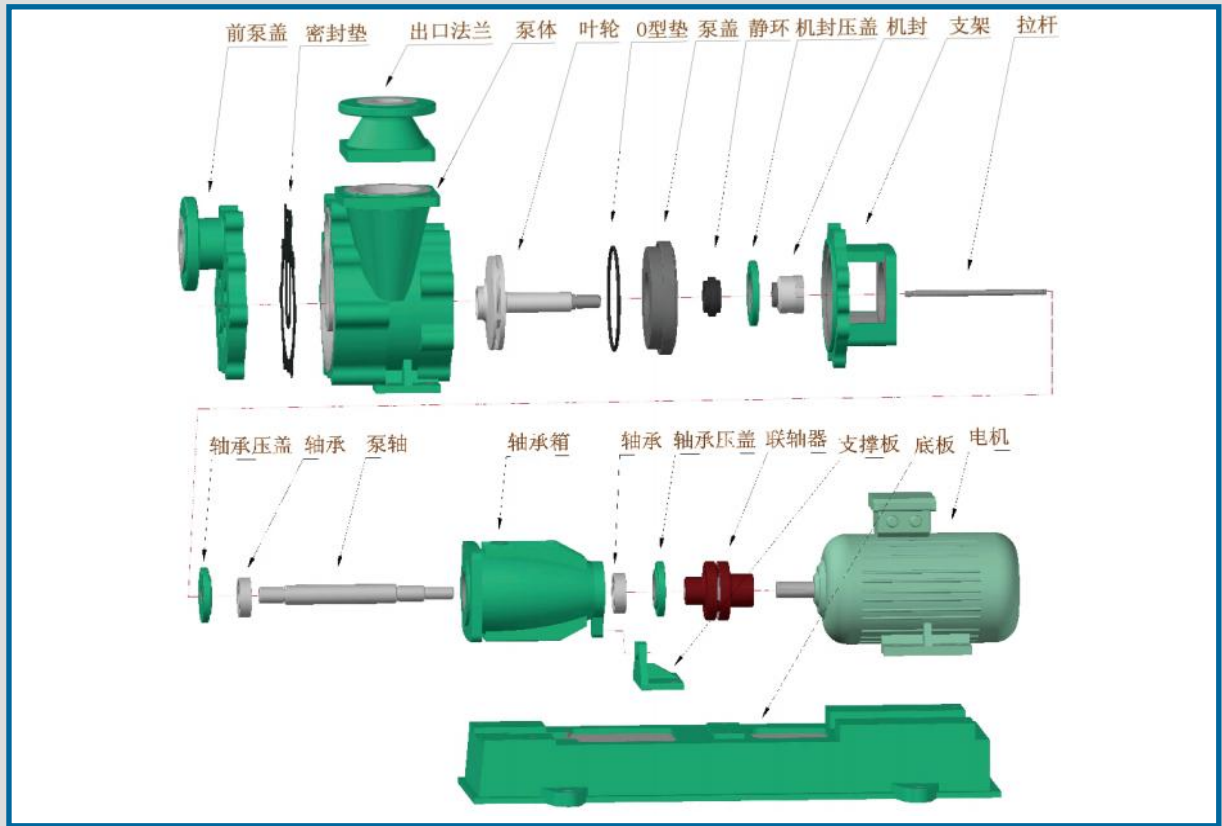
型号意义
Model significance



性能曲线
Performance Curve



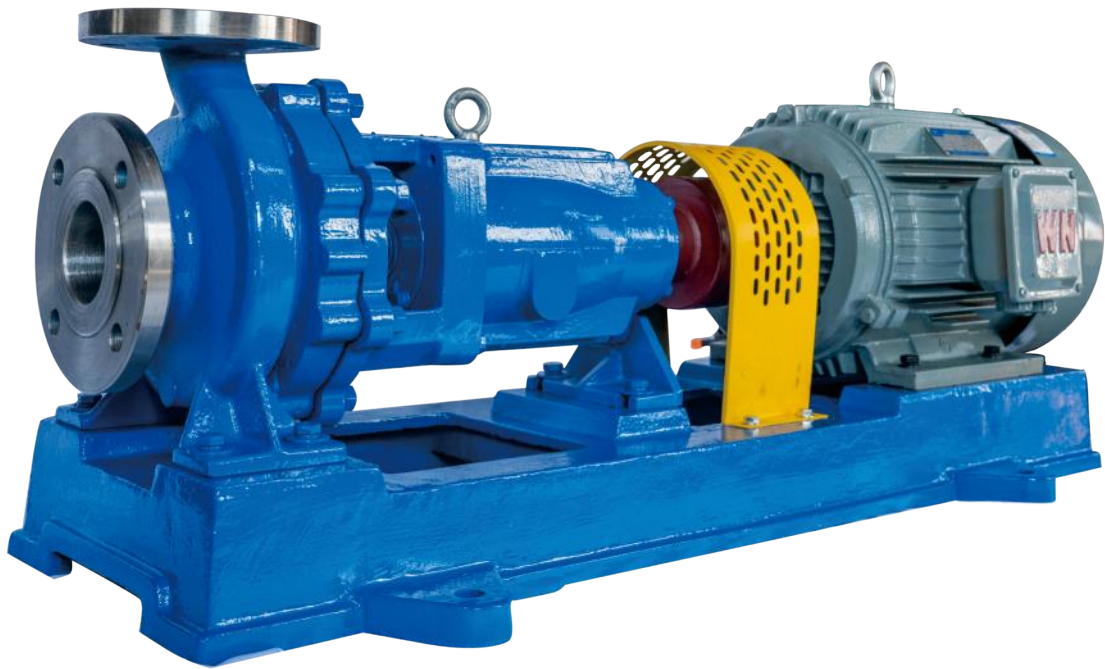
三维图及材质结构图
Three dimensional figure and material structure



NH

不锈钢离心泵

Stainless Steel Centrifugal Pump



工作条件

Working Conditions

口径：25-200mm
工作温度：-20℃ -165℃
流量范围：0.8m³/h-400m³/h
扬程范围：12.5m-130m
材质范围：304/316/316L/904L/TA2/HC276
设计标准：GB/T56662, ISO2858
EN733/ DIN24255

Pump Diameter : 25-200mm
Working Temperature : -20-165 °C
Flow Capacity Range : 0.8m3/h -400m3/h
Pump Head Range : 12.5m - 130m
Materials Range :304/316/316L/904L/TA2/HC276
Designed Standard : GB/T56662, ISO2858
EN733/ DIN24255

运用领域

Application Field

生物医药、石油化工、矿山冶金、纺织印染、电力、食品、造纸、电镀、污水处理、烟气处理、新能源、新材料等行业。

Biological medicine, petrochemical, mining, metallurgy, textile printing and dyeing, electricity, food, papermaking, electroplating, sewage treatment, flue gas treatment, new energy, new materials and other industries.

产品用途

Pump Usage

适用于输送清洁或含一定固体颗粒和纤维物、低温或高温、中性或有腐蚀性的液体；各种温度和浓度的碱性溶液，各种盐溶液，各种液态石油化工产品，有机化合物，以及其它有腐蚀性的原料和产品。

Suitable for conveying clean or containing solid particles and fiber content, low temperature or high temperature, neutral or corrosive liquid. Various temperature and concentration of alkaline solution, various salt solution, all kinds of liquid petroleum and chemical products, organic compounds, and other corrosive materials and products.

设计说明

Design Instruction

NH 系列化工流程泵是取代 IH 化工流程泵的更新换代产品。该系列产品性能参数和安装尺寸与 IH 型泵相同，产品执行 GB/T5662《轴向吸入离心泵(16bar)标记、性能和尺寸》标准；该产品配件通用互换性程度高,5 个规格的悬架可以覆盖全系列产品，根据用户需要可以选用填料或者机械密封，机械密封根据介质特点可以选用单端面、双端面、平衡或非平衡型等密封；叶轮可以设计为开式或半开式，可以输送含一定纤维物或颗粒的介质。是精细化工领域较为通用的标准型化工离心泵。

NH Series chemical chemical process pump is latest pump products replace by IH Series. The performance parameter and installment drawing as same as IH Series .This pump executed Standard GB/T5662 < The Marks . Performance , Specification of Axial Direction End -Suction centrifugal pump (16 bar) > .with highly interchangeable for the general spare parts pump. Five Specifications bracket of pump can cover of full series specification pumps. It can be choose gland packing or mechanical seal according client 's request. Mechanical seal can be choose single (end) face , double(end) face ,balanced face or imbalance face .Impeller can be designed with open -type or semi-open type. It can transfer certain fiber or particle liquids . It is generally standard chemical centrifugal pump in fine chemical fields.

性能参数表

Performance parameters of the table

型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	汽蚀余量 NPSHr (m)	效 率 Efficiency (%)	电机功率 Motor Horsepower (KW)	转 速 Rotating Speed (r/min)	口径Diameter(mm)	
							进口 Inlet	出口 Outlet
NH40-25-125	4	22	2	40	1.5	2900	40	25
	6	20						
	8	18.5						
	2	5.5	2	34	0.55	1450		
	3	5						
	4	4.5						
NH40-25-160	4	34	2	30	2.2	2900	40	25
	6	32						
	8	28						
	2	9	2	27	0.55	1450		
	3	8						
	4	7						
NH40-25-200	4	52	2	26	4	2900	40	25
	6	50						
	8	48						
	2	13.5	2	20	0.75	1450		
	3	12.5						
	4	12						

型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	汽蚀余量 NPSHr (m)	效 率 Efficiency (%)	电机功率 Motor Horsepower (KW)	转 速 Rotating Speed (r/min)	口径Diameter(mm)	
							进口 Inlet	出口 Outlet
NH50-32-125	10	22	3	52	2.2	2900	50	32
	12.5	20						
	15	18.5						
	5	5.5	3	45	0.55	1450		
	6.3	5						
	8	4.6						
NH50-32-160	10	33	3.5	38	4	2900	50	32
	12.5	32						
	15	28						
	5	8.6	3.5	35	0.55	1450		
	6.3	8						
	8	7						
NH50-32-200	10	52	3.5	38	7.5	2900	50	32
	12.5	50						
	15	48						
	5	13	3.5	33	1.1	1450		
	6.3	12.5						
	8	12						
NH50-32-250	10	82	3.5	38	11	2900	50	32
	12.5	80						
	15	75						
	5	20.5	3.5	33	1.5	1450		
	6.3	20						
	8	19.5						
NH65-50-125	15	22	3.5	51	3	2900	65	50
	25	20						
	30	18.5						
	7.5	5.5	3.5	48	0.55	1450		
	12.5	5						
	15	4.5						

型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	汽蚀余量 NPSHr (m)	效 率 Efficiency (%)	电机功率 Motor Horsepower (KW)	转 速 Rotating Speed (r/min)	口径Diameter(mm)	
							进口 Inlet	出口 Outlet
NH65-50-160	15	33	3.5	56	5.5	2900	65	50
	25	32						
	30	28						
	7.5	8.6	3.5	50	1.1	1450		
	12.5	8						
	15	7						
NH65-40-200	15	52	3.5	52	11	2900	65	40
	25	50						
	30	48						
	7.5	13	3.5	46	1.5	1450		
	12.5	12.5						
	15	12						
NH65-40-250	15	82	3.5	36	18.5	2900	65	40
	25	80						
	30	78						
	7.5	20.5	3.5	32	3	1450		
	12.5	20						
	15	19.5						
NH65-40-315	15	127	3.5	38	30	2900	65	40
	25	125						
	30	123						
	7.5	33	3.5	35	5.5	1450		
	12.5	32						
	15	30						
NH80-65-125	40	22	4	60	5.5	2900	80	65
	50	20						
	60	18.5						
	20	5.5	4	55	1.1	1450		
	25	5						
	30	4.6						



型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	汽蚀余量 NPSH _r (m)	效 率 Efficiency (%)	电机功率 Motor Horsepower (KW)	转 速 Rotating Speed (r/min)	口径Diameter(mm)	
							进口 Inlet	出口 Outlet
NH80-65-160	40	33	4	62	11	2900	80	65
	50	32						
	60	28						
	20	8.6	4	60	1.5	1450		
	25	8						
	30	7						
NH80-50-200	40	52	4	63	15	2900	80	50
	50	50						
	60	48						
	20	13	4	57	2.2	1450		
	25	12.5						
	30	12						
NH80-50-250	40	82	4	60	22	2900	80	50
	50	80						
	60	78						
	20	20.5	4	53	4	1450		
	25	20						
	30	19.5						
NH80-50-315	40	127	4	50	45	2900	80	50
	50	125						
	60	123						
	20	33	4	45	7.5	1450		
	25	32						
	30	30						
NH100-80-125	80	22	4.5	70	11	2900	100	80
	100	20						
	120	18.5						
	30	5.5	4.5	67	1.5	1450		
	50	5						
	60	4.6						

型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	汽蚀余量 NPSHr (m)	效 率 Efficiency (%)	电机功率 Motor Horsepower (KW)	转 速 Rotating Speed (r/min)	口径Diameter(mm)	
							进口 Inlet	出口 Outlet
NH100-80-160	80	33	4.5	70	15	2900	100	80
	100	32						
	120	28						
	30	8.6	4.5	65	3	1450		
	50	8						
	60	7						
NH100-65-200	80	52	4.5	71	30	2900	100	65
	100	50						
	120	48						
	30	13	4.5	60	4	1450		
	50	12.5						
	60	12						
NH100-65-250	80	82	4.5	70	45	2900	100	65
	100	80						
	120	78						
	30	20.5	4.5	64	7.5	1450		
	50	20						
	60	19.5						
NH100-65-315	80	127	4.5	60	75	2900	100	65
	100	125						
	120	123						
	30	33	4.5	56	11	1450		
	50	32						
	60	30						
NH125-100-200	150	52	5	65	55	2900	125	100
	200	50						
	240	48						
	75	13	5	60	11	1450		
	100	12.5						
	120	12						
125-100-160	150	32	5	61	30	1450		



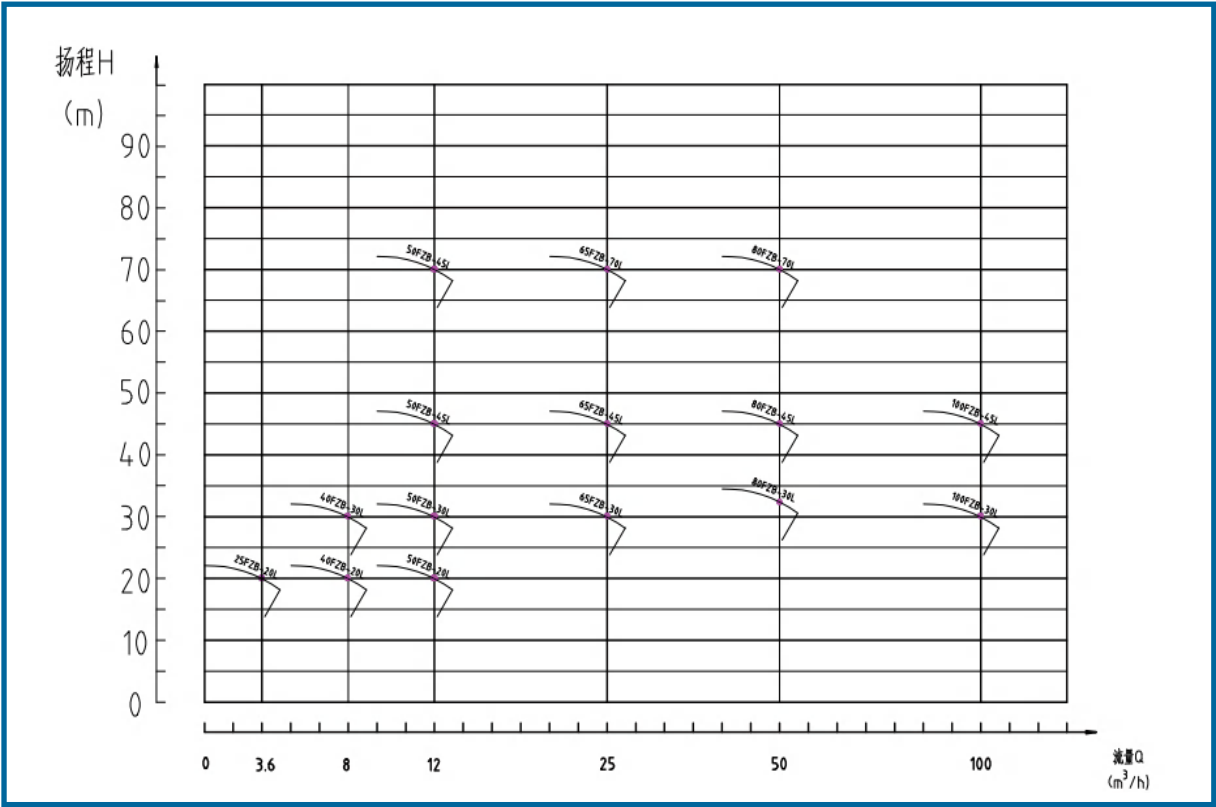
型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	汽蚀余量 NPSHr (m)	效 率 Efficiency (%)	电机功率 Motor Horsepower (KW)	转 速 Rotating Speed (r/min)	口径Diameter(mm)	
							进口 Inlet	出口 Outlet
NH125-100-250	150	82	5	68	75	2900	125	100
	200	80						
	240	73						
	75	20.5	5	62	15	1450		
	100	20						
	120	19.5						
NH125-100-315	75	33	5	58	22	1450	125	100
	100	32						
	120	30						
NH125-100-400	75	52	5	55	37	1450	125	100
	100	50						
	120	48						
NH150-125-250	150	20.5	6	63	22	1450	150	125
	200	20						
	240	19.5						
NH150-125-315	150	33	6	75	30	1450	150	125
	200	32						
	240	30						
NH150-125-400	150	52	6	64	55	1450	150	125
	200	50						
	240	48						
NH200-150-250	250	20.5	7	68	37	1450	200	150
	400	20						
	460	19.5						
NH200-150-315	250	33	7	73	55	1450	200	150
	400	32						
	460	30						
NH200-150-400	250	52	7	73	90	1450	200	150
	400	50						
	460	48						
NH250-200-315	300	34	7	76	75	1450	250	200
	600	32						
	750	28						



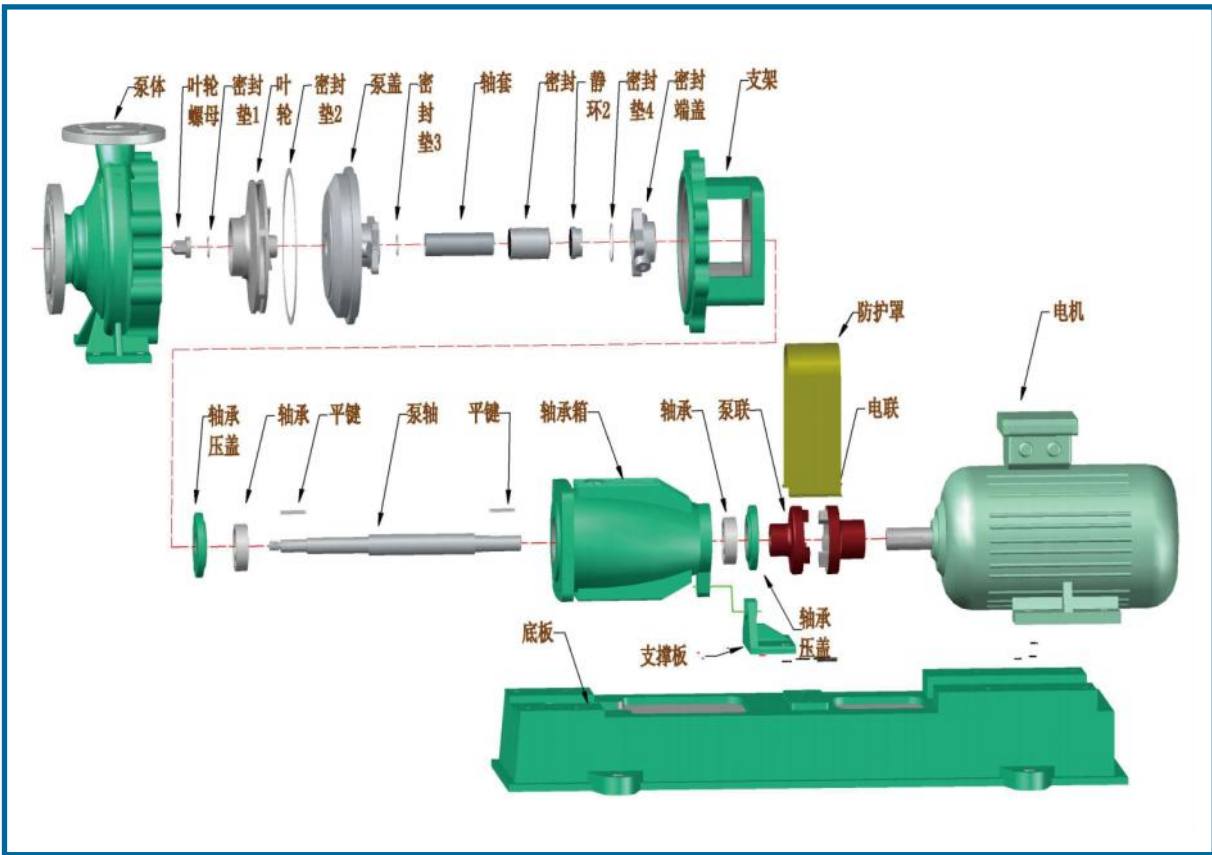
型号意义
Model significance



性能曲线
Performance Curve

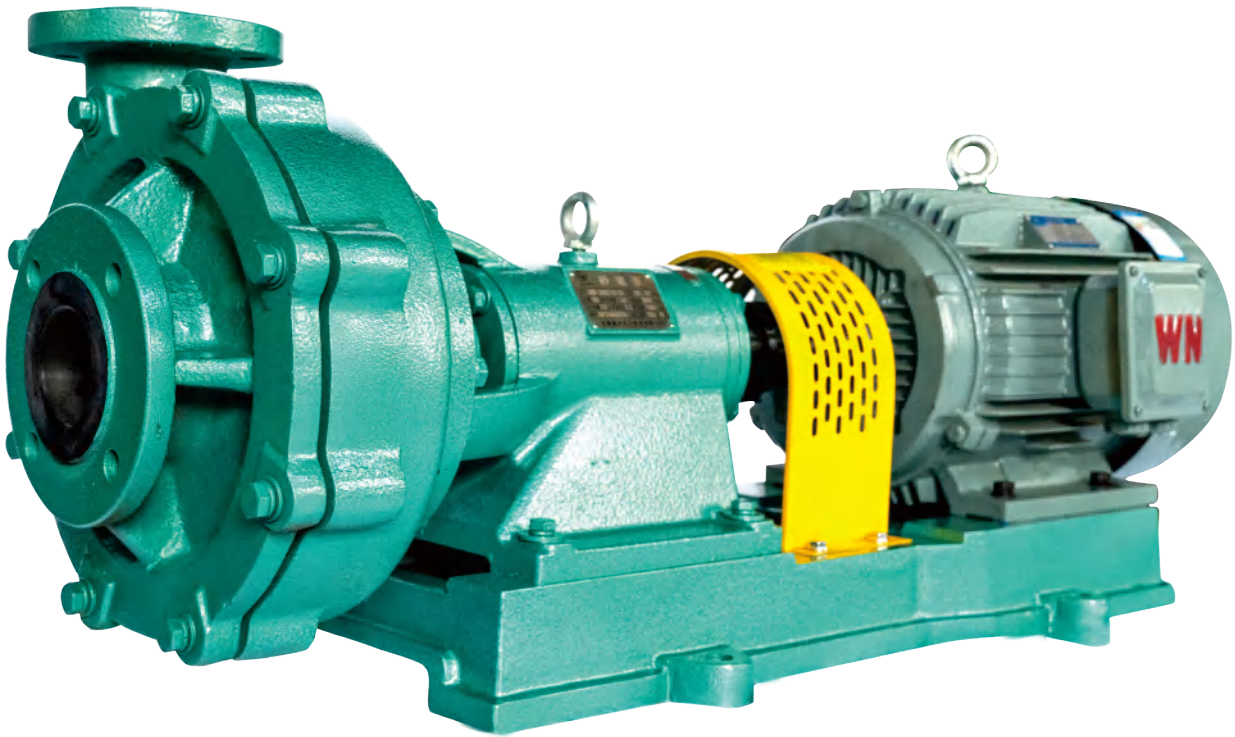


三维图及材质结构图
Three dimensional figure and material structure



UHB-ZK 耐腐耐磨砂浆泵

UHB-ZK Corrosion Wear Resistant Slurry Pump



工作条件 Working Conditions

口径: 25-350mm
工作温度: -20℃ -80℃
流量范围: 3m³/h-2000m³/h
扬程范围: 15m-80m
材质范围: 钢衬超高分子量聚乙烯
设计标准: GB/T5656

Pump Diameter :25-350mm
Working Temperature : -20-80 ℃
Flow Capacity Range :3m³/h -2000m³/h
Pump Head Range : 5 m - 80m
Materials Range : Lining UHMW-PE
Designed Standard :GB/T5656

运用领域 Application Field

脱硫循环、有色金属冶炼业、造纸业、硫酸磷肥业、石油化工、精细化学、电力、冶金行业、水处理(排污)、矿业。

Desulfurization cycle, non-ferrous metal smelting industry, paper industry, acid phosphate fertilizer industry, petrochemical industry, fine chemical, electric power, metallurgy industry, water treatment (discharge), mining.

产品用途 Pump Usage

适合输送含固量在 40% 以下的中性或者腐蚀性浆液。在脱硫脱硝、化肥、制盐等行业有出色的表现。

Suitable for conveying solid content under 40% neutral or corrosive slurry. In desulfurization denitration, chemical fertilizer, salt and other industries have excellent performance.

设计说明
Designed Instruction

UHB-ZK 系列砂浆泵属于单级单吸式离心泵,该泵是专门为输送具有一定腐蚀性且含有颗粒或者结晶的介质而设计。叶轮为半开式,增强了流道的通过性;轴封分为 K 型密封环外带冷却水装置和外装式波纹管机械密封 3 种,兼顾了耐腐和耐磨的双重要求;即适合清液也适用料浆。耐磨性是碳钢、不锈钢的 6-7 倍,具有自润滑性,摩擦系数低。是代替高昂的耐磨合金材料的最佳选择。

UHB-ZK Series Slurry Pump belongs to an single stage single suction centrifugal pump which is designed for conveying liquids contain corrosive and particles or crystallized mediums. Impeller is semi- opened type,it enhance the flow channel through ability .Shaft Seal is divided into K Type Sealing ring with outside cooling water system device and external bellows mechanical seal. It will have dual requirements of anti corrosive and Wear Resistance.it is not only suitable for transfer clean liquids,but also available to transfer slurry liquids. Wear -Resistance performance is more than 6 to 7 times of carbon steel , stainless steel. It have self-lubrication functions with low friction coefficient. It is best choose of instead high wear -resistant alloy materials.

性能参数表
Performance parameters of the table

型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效率 Efficiency (%)	汽蚀 余量 NPSHr (m)	口径Diameter(mm)	
							进口 Inlet	出口 outlet
40UHB-ZK-10-20	5	23	3	2900	20	3	40	32
	10	20			25			
	15	18			28			
40UHB-ZK-10-30	5	32	4	2900	30	3	40	32
	10	30			36			
	15	26			30			
50UHB-ZK-20-20	15	23	4	2900	30	3	50	40
	20	20			32			
	25	18			35			
50UHB-ZK-20-30	15	32	5.5	2900	33	3	50	40
	20	30			37			
	25	28			40			
65UHB-ZK-30-20	20	25	5.5	2900	35	3.5	65	50
	30	20			42			
	35	18			37			
65UHB-ZK-30-30	20	35	7.5	2900	38	3.5	65	50
	30	30			42			
	40	26			45			
65UHB-ZK-30-50	20	55	15	2900	30	3.5	65	50
	30	50			35			
	40	45			38			

型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效率 Efficiency (%)	汽蚀 余量 NPSHr (m)	口径Diameter(mm)	
							进口 Inlet	出口 outlet
65UHB-ZK-25-70	18	78	18.5	2900	35	3.5	65	50
	25	75			43			
	35	70			50			
80UHB-ZK-50-20	40	23	11	2900	33	4	80	65
	50	20			35			
	60	18			30			
80UHB-ZK-50-30	30	33	15	2900	35	4	80	65
	50	30			42			
	60	26			36			
80UHB-ZK-50-50	30	33	18.5	2900	35	4	80	65
	50	50			42			
	60	40			36			
80UHB-ZK-50-80	30	83	30	2900	36	4	80	65
	50	80			46			
	60	70			42			
100UHB-ZK-60-35	50	37	18.5	2900	45	4.5	100	80
	60	35			47			
	70	32			49			
100UHB-ZK-65-50	50	55	22	2900	45	4.5	100	80
	60	50			47			
	70	45			49			
100UHB-ZK-100-20	80	23	18.5	2900	32	4.5	100	80
	100	20			32			
	120	15			28			
100UHB-ZK-100-30	80	35	22	2900	43	4.5	100	80
	100	30			44			
	140	23			46			
100UHB-ZK-100-40	80	45	30	2900	44	4.5	100	80
	100	40			42			
	137	24			31			
100UHB-ZK-100-50	80	58	45	2900	40	4.5	100	80
	100	50			42			
	120	42			36			

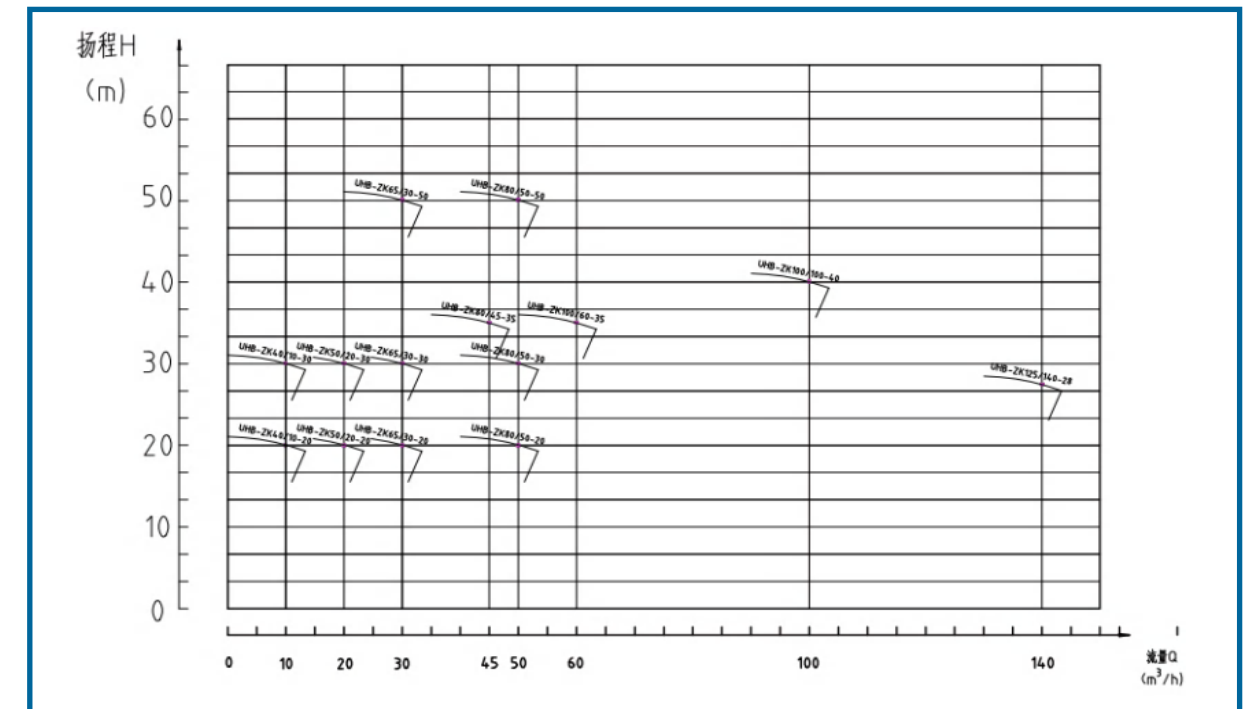
型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转 速 Rotating Speed (r/min)	效率 Efficiency (%)	汽 蚀 余 量 NPSH _r (m)	口径Diameter(mm)											
							进口 Inlet	出口 outlet										
100UHB-ZK-100-80	80	82	55	2900	42	4.5	100	80										
	100	80			46													
	120	60			38													
125UHB-ZK-120-20	100	23	22	2900	42	4.5	125	100										
	120	20			43													
	150	15			35													
125UHB-ZK-120-32	100	35	30	2900	42	4.5			125	100								
	120	32			46													
	140	25			38													
125UHB-ZK-120-50	100	55	45	2900	40	4.5					125	100						
	120	50			43													
	130	40			36													
125UHB-ZK-120-60	100	65	55	2900	42	4.5							125	100				
	120	60			45													
	140	56			48													
125UHB-ZK-140-28	100	32	30	2900	40	4.5									125	100		
	140	28			45													
	160	24			36													
125UHB-ZK-140-50	120	55	55	2900	46	4.5											125	100
	140	50			49													
	160	40			42													
150UHB-ZK-200-20	150	23	37	1450	34	4.5	150	125										
	200	20			36													
	240	17			32													
150UHB-ZK-200-32	150	40	45	1450	41	5			150	125								
	200	32			46													
	240	24			50													
150UHB-ZK-250-20	200	26	37	1450	38	5					150	125						
	250	20			42													
	300	15			45													
150UHB-ZK-250-30	200	35	45	1450	45	5							150	125				
	250	30			46													
	300	25			41													

型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转 速 Rotating Speed (r/min)	效率 Efficiency (%)	汽蚀 余量 NPSH _r (m)	口径Diameter(mm)									
							进口 Inlet	出口 outlet								
200UHB-ZK-300-25	250	28	45	1450	51	5.5	200	150								
	300	25			52											
	320	20			42											
200UHB-ZK-300-38	250	42	75	1450	46	5.5			200	150						
	300	38			48											
	320	32			41											
200UHB-ZK-300-70	250	75	132	1450	60	5.5					200	150				
	300	70			62											
	350	65			56											
200UHB-ZK-400-20	350	23	55	1450	54	5.5							200	150		
	400	20			54											
	480	16			49											
200UHB-ZK-400-32	240	39	90	1450	55	5.5									200	150
	400	32			62											
	500	25			57											
250UHB-ZK-500-32	400	35	90	1450	46	5.5	250	200								
	500	32			52											
	600	23			43											
250UHB-ZK-600-20	500	23	75	1450	46	5.5			250	200						
	600	20			48											
	700	18			43											
250UHB-ZK-600-32	500	35	110	1450	50	6					250	200				
	600	32			52											
	700	28			56											
250UHB-ZK-600-50	500	53	160	1450	56	6							250	200		
	600	50			62											
	700	40			52											
300UHB-ZK-1000-20	850	23	110	1450	54	7	300	250								
	1000	20			55											
	1100	16			46											
300UHB-ZK-1000-30	850	35	160	1450	59	7			300	250						
	1000	30			59											
	1100	27			56											

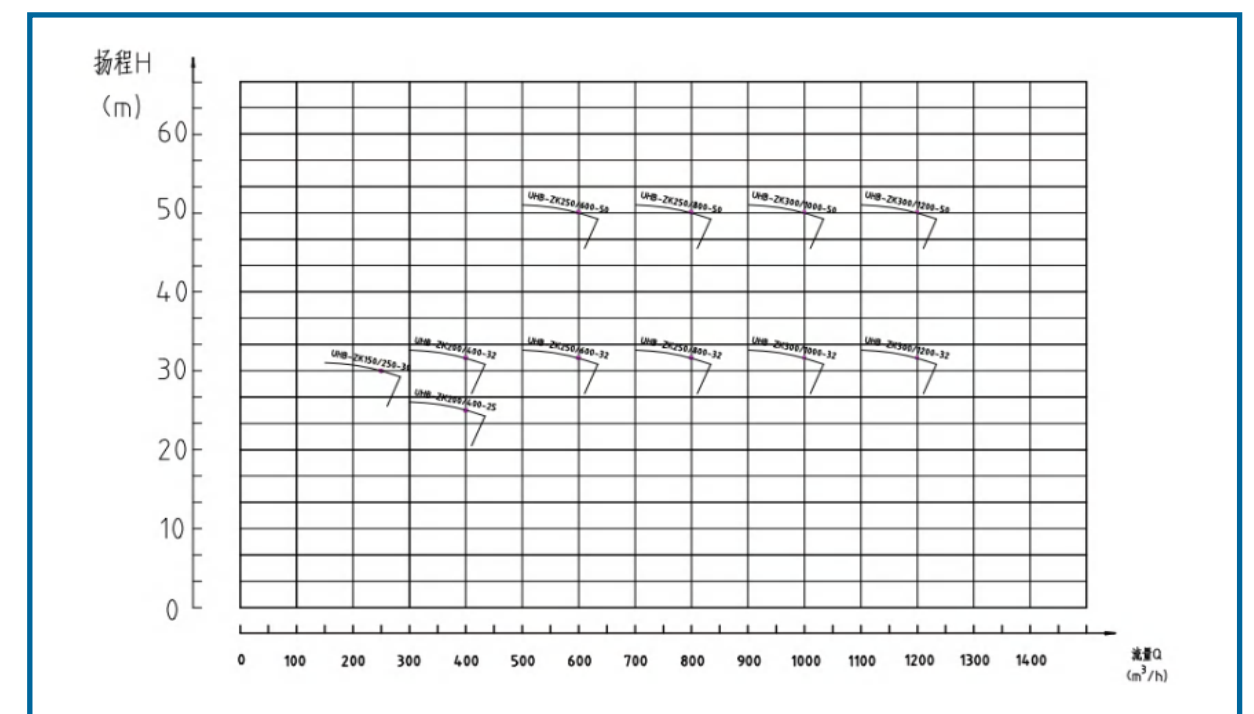
型 号 Model No	流量 Flow Capacity (m3/h)	扬程 Pump Head (m)	电机功率 Motor Power (KW)	转速 Rotating Speed (r/min)	效率 Efficiency (%)	汽蚀 余量 NPSHr (m)	口径Diameter(mm)					
							进口 Inlet	出口 outlet				
300UHB-ZK-1000-50	850	55	250	1450	59	7	300	250				
	1000	50			60							
	1100	48			62							
300UHB-ZK-1200-20	1000	23	160	1450	63	6.5			300	250		
	1200	20			63							
	1400	16			43							
300UHB-ZK-1200-30	1000	32	185	1450	58	6.5					300	250
	1200	30			60							
	1400	28			61							
350UHB-ZK-1400-20	1100	23	132	1450	70	6.5	250	300				
	1400	20			71							
	1500	16			60							
350UHB-ZK-1400-32	1250	35	250	1450	67	7			250	300		
	1400	32			68							
	1600	27			56							
350UHB-ZK-1600-20	1400	22	200	1450	53	7					250	300
	1600	20			55							
	1800	18			48							
350UHB-ZK-1600-32	1400	35	250	1450	61	6.5	250	300				
	1600	32			62							
	1800	27			58							

 性能曲线
Performance Curve

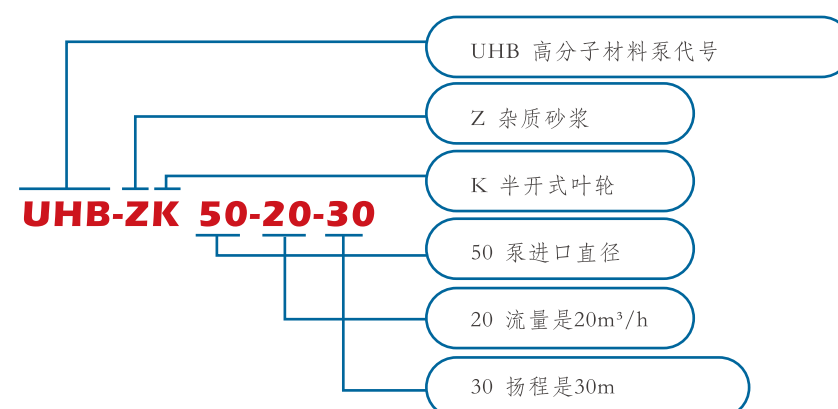
转速：2900r/min



转速：1450r/min

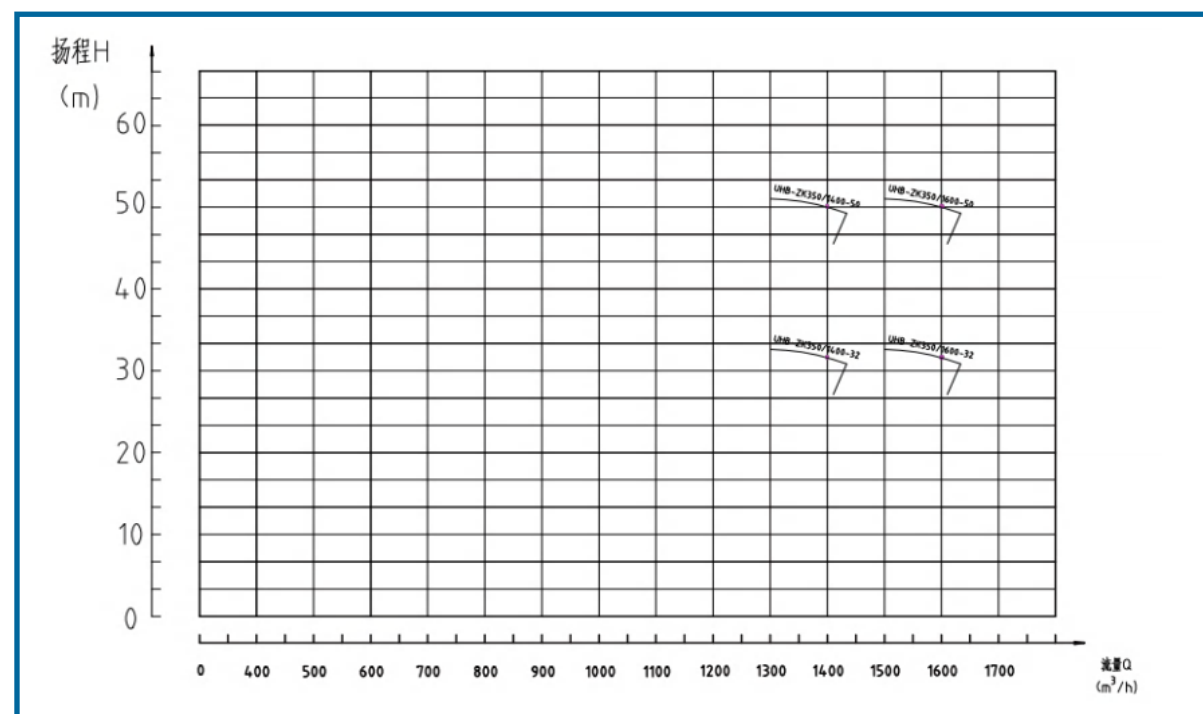


 型号意义
Model significance

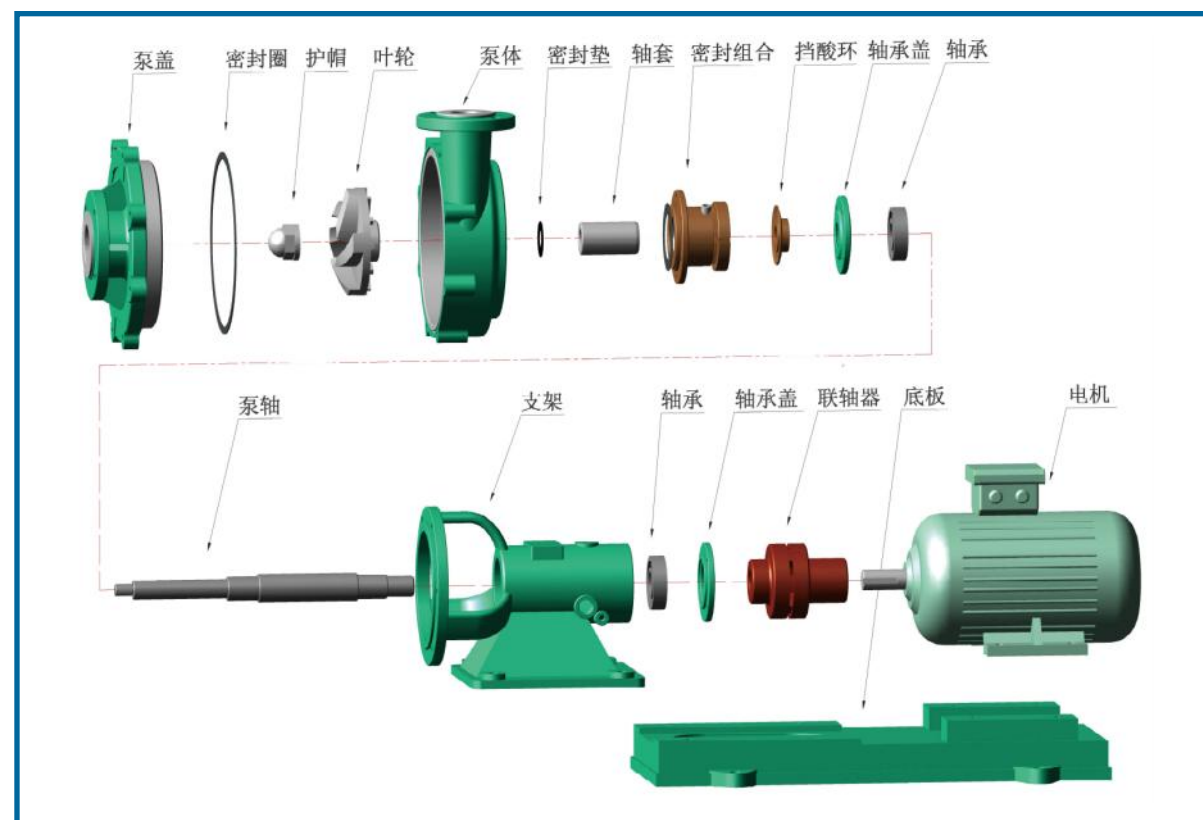


性能曲线 Performance Curve

转速：980r/min



三维图及材质结构图 Three dimensional figure and material structure



以精立业 以质取胜
创新发展 实业报国



选型材质及类型参照表
使用及维护 故障排除
卧式泵工况示意图
用户案例及供应商合作伙伴
公司资质

Reference table for material and type selection
Troubleshooting for use and maintenance
Working condition diagram of horizontal pump
User stories and vendor partners
Company qualification

氟塑料泵阀耐腐蚀性能参数表

Fluorine Plastic Pump Corrosion Resistant Parameter Table

介 质	浓度 ≤%	温度 ≤25℃	温度 ≤95℃	介 质	浓度 ≤%	温度 ≤25℃	温度 ≤95℃
硫酸H2SO4		√	√	氢氧化钾KOH	50	√	√
硝酸HNO3		√	×	氢氧化铵NH2H2O		√	×
盐酸HCL		√	√	氢氧化钡Ba (OH) 2	50	√	√
磷酸H3PO4		√	√	氢氧化镁Mg (OH) 2		√	√
氢氟酸HF *		√	√	氢氧化铝Al (OH) 3		√	√
氢溴酸HBr		√	√	氢氧化锂LiOH		√	√
氢碘酸HI		√	√	氯水ClH2O		√	√
氢氰酸		√	√	溴水Br2		√	√
亚硫酸H2SO3		√	√	碘溶液I2		√	√
亚硝酸HNO2		√	√	氨 (无水) NH3		√	√
次氯酸HClO *		√	√	甲醇CH3OH		√	√
高氯酸HClO4		√	√	乙醇CH3CH2OH		√	√
铬酸H2CrO4	80	√	√	丁醇C4H10O		√	√
王水 *		√	√	甲醛HCHO		√	√
醋酸CH3COOH		√	√	乙醛CH3CHO		√	√
甲酸HCOOH		√	√	二氯乙醚C4H8Cl2O		√	√
丁酸CH4H8O2		√	√	苯氨C6H7N		√	√
戊酸C5H10O2		√	√	一氯甲烷CH3Cl		√	√
油酸C18H34O2		√	√	二氯甲烷CH2Cl2		√	√
苯甲酸C6H5COOH		√	√	二氯乙烷C2H4Cl2		√	√
氢氧化钠NaOH	50	√	√	四氯乙烷C2H4Cl4		√	√

√表示耐腐蚀性好； ×表示有腐蚀性； * 表示部分零件要选择材料； 未注符号表示任意浓度均可
√is show have good corrosion resistance； × Is show easy corrosive； * it indicates some of parts materials need be replaced；
No Marked concentration of arbitrary symbols that can be



磁力泵、离心泵、自吸泵系列 使用及维护

Magnetic pump, centrifugal pump, self-priming pump series Use and Maintenance

安装及注意事项 Installation and the matters needing attention

- 1、按基础尺寸做好混凝土基础,同时予埋好地脚螺栓。
- 2、在安装前应对泵和电机进行检查,各部分应完好无损,泵内应无杂物。
- 3、将机组放在基础上,在底板和基础之间放成对楔垫,通过调整楔垫,找正泵的水平。调好后,拧紧地脚螺栓。
- 4、泵的吸入、吐出管路应有支架,不能用泵来支承泵。进出口管路口径应与泵进出口口径相统一。
- 5、FZB 系列自吸泵安装时应先接进口管,加满液体后再接出口管,校正转向。泵的进口管道必须与泵匹配,且总长不能超过 5 米,否则会影响自吸性能,自吸高度可按右边公式简单算得: 清水时自吸 3m/ 介质密度 = 实际自吸高度
- 6、安装完毕,最后用手转动联轴器,检查有无擦碰现象,转动轻松均匀则安装结束。
- 7、磁力泵严禁抽取带有颗粒的介质。
- 8、为防止杂物进入泵内,在进口处应设过滤器,过滤面积应大于管路截面积的 3-4 倍。
- 9、扬程高的泵在出口管路上还应该安装逆止阀,以防突然停机的水锤破坏。
- 10、必须保证泵的安装高度符合泵的汽蚀余量,并考虑管路损失及介质温度。
- 11、介质温度过高时应应对机封采取冷却措施,以防机封变形静环开裂。

1. Make the concrete base follow the basic size, and Install the bolts on the ground at the same time.
2. Do a inspection of the pump and motor , make sure all the components are in good conditions and there is no sundries .
3. Put the motor on the base, installed pads in pairs.Make sure the pump is horizontal by adjusting the pads. After that, tight the bolts.
4. There should be shelves below the inlet and outlet pipes .The size of inlet and outlet pumps and the size of the pipe should matched.
5. When you install FZB Series type Centrifugal pumps ,please install the inlet pipes in first, then fill the pumps with liquids.,check the turn direction.The Inlet pipes must match with pump, and the length of the pipes should less than 5 meters ,or it will interrupt self-priming function. The height of centrifugal can be calculated by the formula.
6. After installation , please turn the coupling and check whether it has collision and friction, if it can turn smoothly without break . Then finished installation.
7. Magnetic Driven Pump are forbidden to transmit the medium with granule.
8. There should be a filter in the inlet of the pumps. The filter surface of the area should be large than 3 or 4 times of the pipeline area.
9. The Pump with high head should install a cut off valve avoid the damage of water hummer when the pump stop working abruptly.
10. Make sure the installation height of the pumps conform to NPSH of the pump .consider with pipeline loss and transfer liquids temperature.
11. when the temperature of medium is too high ,please choose cooling measur for mechanical seal to protect it distortion.

启动和运行 Start and Running

- 1、开车前应将泵内灌满须输送的液体(如泵是吸上的情况),关闭出口闸阀,接好电源。
- 2、接通电源,检查泵的转向是否正确。
- 3、机组试运转 5-10 分钟,如无异常现象可投入运行。
- 4、停机时,应先将出口的闸阀关闭,然后再切断电源。
1. Please fill transfer liquids into pump cavity before start up , close outlet valve ,connect the electric power.
2. Open Electric Power ,check whether pump rotating direction is right or not .
3. Pump set test about 5-10 minute, then running operation if without abnormal .
4. when you want to stop this pump , please close outlet valve ,then cut off power.

维护和保养 Maintenance

- 1、定期检查泵和电机,更换易损零件。
- 2、长期停机不用时,应清洗泵内流道并切断电源。
- 3、严禁空运转。
- 1.Do inspection of the pump and motor regularly , replace the components which are easy to be worn out.
2. If this pump is long time never running, you have to clean up pump cavity and cut off electric power.
3. It is forbidden Dry Running.



故障及排除 Troubles and Troubles Shootings

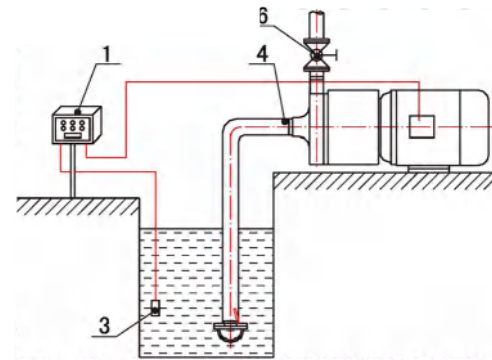
故障 Troubles	原因 Reason	解决方法 Trouble Shooting
打不出液体 No Liquids	1、吸入管内有空气 1. Air in suction pipe.	1、重新灌注液体或者 1. Refill liquids .
	2、吸入管漏气 2. Leakage of air in suction pipe.	2、检查吸入管路 2. Check suction pipeline.
	3、泵内灌注液体不足 3. Injected liquids is not enough in pump cavity .	3、重新灌注液体 3. Re-injected liquids in pump cavity.
	4、吸入管路有杂物堵塞 4. Block up impurities in suction pipeline.	4、清除堵塞杂物 4. Clean up blocking impurities .
	5、泵反转 5. Reverse rotating .	5、调整转向 5. Adjust Rotating Directory.
	6、吸上高度太高 6. Suction Height is two high.	6、降低安装高度 6. Turn Down Installment Height.
流量不足 Flow Rate Insufficiency	1、叶轮损坏 1. Impeller damage	1、更换叶轮 1. Replaced new impeller
	2、转速不够 2. Rotating speed not enough.	2、检查电机和供电线路 2. Check up motor and electric wire.
	3、管路内有杂物堵塞 3. Impurities blocked in pipeline.	3、清除堵塞杂物 3. Clean up impurities.
功率过大 Overload horsepower	1、输送介质比重过大 1. The Proportion of the transmission medium is too large.	1、降低粘度或增加灌注压力 1.Reduce viscosity or increase perfusion pressure.
	2、泵轴线与电机轴线误差过大 2. The deviation between the pump axis and the motor axis is to large.	2、重新调整 2.Adjust again ..
	3、有机械摩擦 3. Mechanical friction	3、检查何处摩擦，进行检修 3.Check where friction and repair it.
扬程不足 Pump Head Insufficiency	1、输送介质内有空气 1. Transfer liquids contained air .	1、重新灌注液体或排空气体 1. Refill the liquids and exhaust air in the medium.
	2、叶轮损坏 2. Impeller damage	2、更换叶轮 2. Replaced new impeller.
	3、转速不够 3.Rotating speed not enough.	3、检查电机和供电线路 3. Check up motor and electric wire.
	4、输送介质比重过大 4.The Specific gravity is too high.	4、降低粘度或增加灌注压力 4. Reduce viscosity or increase the input pressure.
泵组振动 Pump Set Vibration	1、泵轴线与电机轴线误差过大 1.The deviation between the pump axis and the motor axis is too large ..	1、重新调整 1. Adjust again.
	2、吸上高度大，产生汽蚀 2.Suction height is too large to produce cavitation .	2、降低安装高度 2. Turn Down pump mounting height.
	3、有机械摩擦 3.Mechanical Friction existence .	3、检查何处磨损，进行检修 3. Check the mechanical friction and repair it.
轴端渗漏及密封渗漏 Sealing Leakage	1、轴端卡环间隙过大，卡环松 1. The Snap ring gap is too large and the snap ring is loose.	1、调整卡环螺钉 1. Adjusting the snap ring screws.
	2、吸上高度太高，产生气蚀 2. Suction height is too large to produce cavitation.	2、降低安装高度 2. Turn Down pump mounting Height .
	3、机械密封动、静环磨损，弹簧压力小 3.Dynamic and static mechanical seal wear and spring pressure is not enough .	3、更换磨损材料，调整弹簧 3.Replace the components with friction.Adjusting the spring.
	4、机械密封动、静环吻合不好 4. Dynamic and static mechanical seal can' t match.	4、调整动、静环 4. Adjusting dynamic and static seal.



卧式泵工况示意图

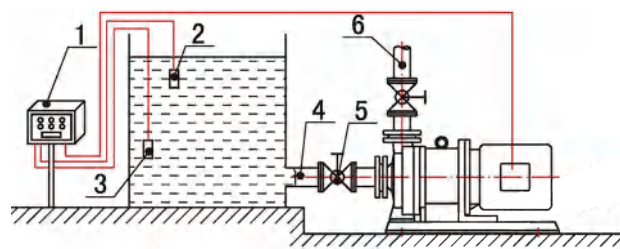
Working condition diagram of horizontal pump

■ 插管式（全塑） Tube type (all plastic)



吸上工况

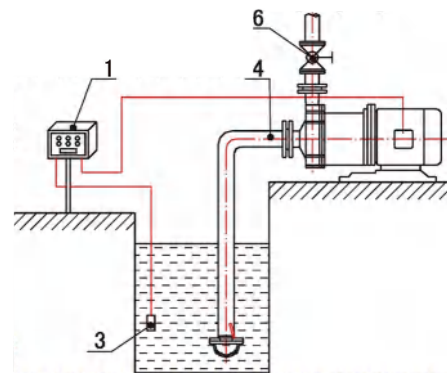
1. 卧式泵用在吸上工况时，泵的进口需安装底阀用来灌液。
2. 泵的出口需安装出口阀用来调节流量。
3. 该工况的吸上高度需考虑泵的汽蚀参数及装置汽蚀余量要求，否则泵容易汽蚀，无法正常使用。



倒灌工况

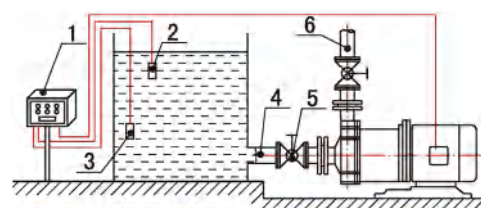
1. 卧式泵用在倒灌工况时，泵的进口需安装进口阀便于维修时关闭阀门不让槽罐中的液体流出。
2. 泵的出口需安装出口阀用来调节流量（不允许用进口阀来调节流量）。
3. 此工况为最理想的安装方式。

■ 法兰式（全塑） Flange type (all plastic)



吸上工况

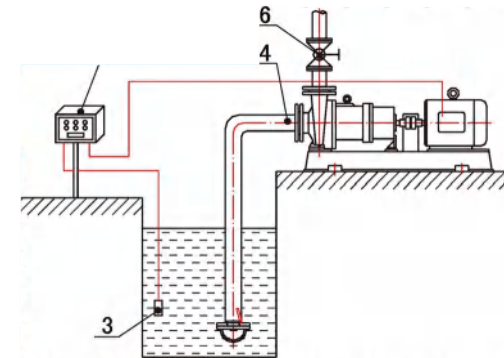
1. 卧式泵用在吸上工况时，泵的进口需安装底阀用来灌液。
2. 泵的出口需安装出口阀用来调节流量。
3. 该工况的吸上高度需考虑泵的汽蚀参数及装置汽蚀余量要求，否则泵容易汽蚀，无法正常使用。



倒灌工况

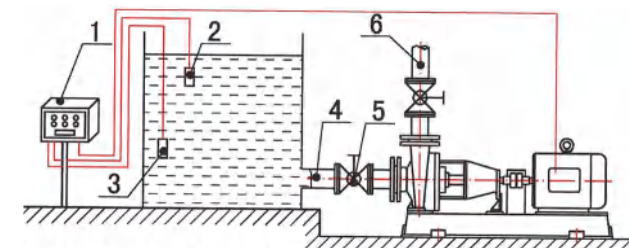
1. 卧式泵用在倒灌工况时，泵的进口需安装进口阀便于维修时关闭阀门不让槽罐中的液体流出。
2. 泵的出口需安装出口阀用来调节流量（不允许用进口阀来调节流量）。
3. 此工况为最理想的安装方式。

■ 法兰式（金属+衬氟） Flange type (metal + fluorine-lined)



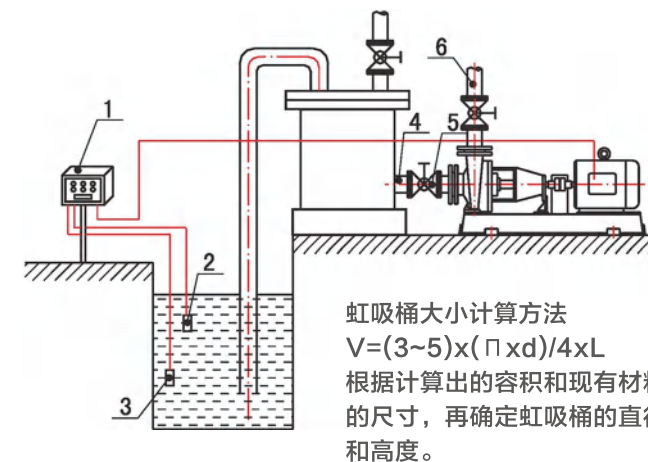
吸上工况

1. 卧式泵用在吸上工况时，泵的进口需安装底阀用来灌液。
2. 泵的出口需安装出口阀用来调节流量。
3. 该工况的吸上高度需考虑泵的汽蚀参数及装置汽蚀余量要求，否则泵容易汽蚀，无法正常使用。



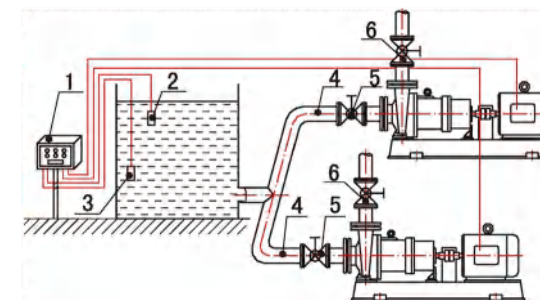
倒灌工况

1. 卧式泵用在倒灌工况时，泵的进口需安装进口阀便于维修时关闭阀门不让槽罐中的液体流出。
2. 泵的出口需安装出口阀用来调节流量（不允许用进口阀来调节流量）。
3. 此工况为最理想的安装方式。



吸上工况

1. 泵安装在储液槽的上部，在进口管道靠近泵进口处安装一虹吸桶，启动泵之前将虹吸桶中灌满液体。
 2. 卧式泵用在虹吸工况时，泵的进口需安装进口阀便于维修时关闭阀门不让虹吸桶中的液体流出；
 3. 泵的出口需安装出口阀用来调节流量（不允许用进口阀来调节流量）。
 4. 虹吸桶的制作根据介质不同选择相适应的材料及制造工艺。要求密封性好，不能漏水漏气。
- d: 进口管直径 L: 进口管总长 V: 虹吸桶容积



1. 控制箱 2. 上液位传感器 3. 下液位传感器
 4. 进液管 5. 进口阀 6. 出口阀

备用泵工况

1. 两台卧式泵共用一个进口管时，两台泵的进口都需安装进口阀，并要求其中一台泵工作时，另一台泵的进口阀必须关闭。
2. 两台泵的出口都需安装出口阀用来调节流量（不允许用进口阀来调节流量）。



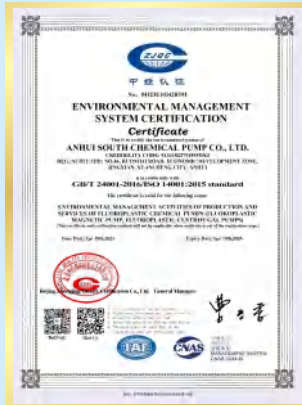
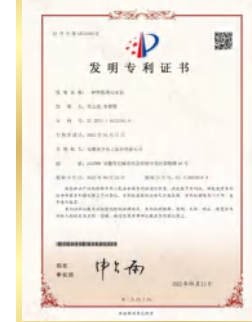
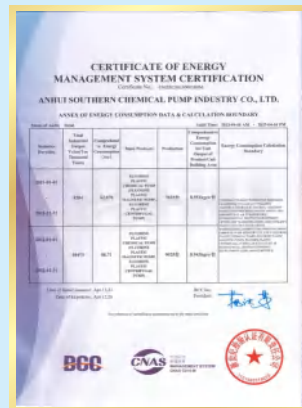
公司资质

Company qualification

安徽南方化工泵业有限公司
Anhui South
Chemical Pump Co.,Ltd.

发明专利证书

Invention Patent Certificate



实用新型证书

Utility model certificate



安徽省企业研发中心 国家级专精特新小巨人企业



安徽南方化工泵业有限公司

欢迎您

Welcome to Anhui South Chemical Pump Co., Ltd.

